

Program Complot
(Version 2021-1)

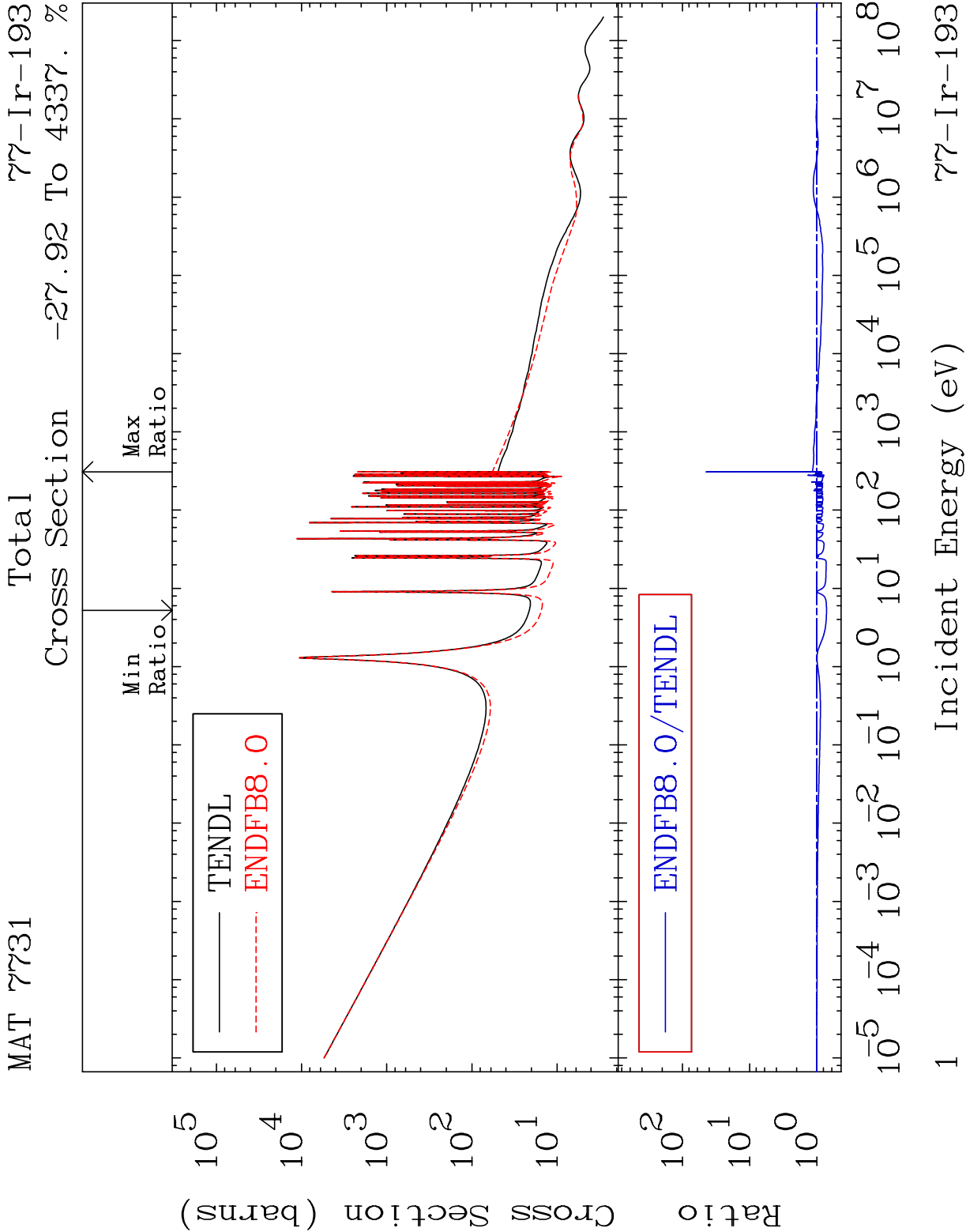
by

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Press Mouse Button to Start

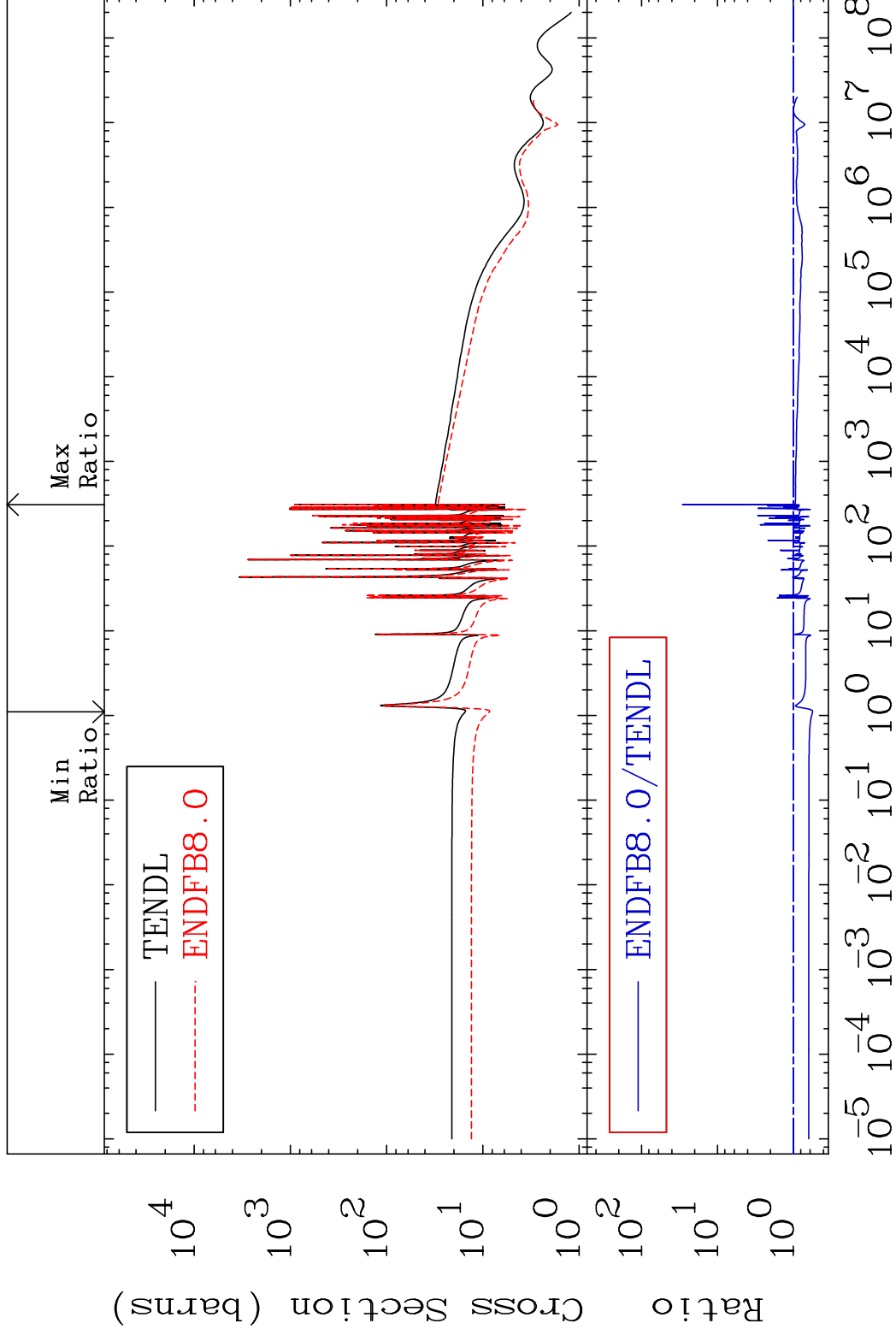


MAT 7731

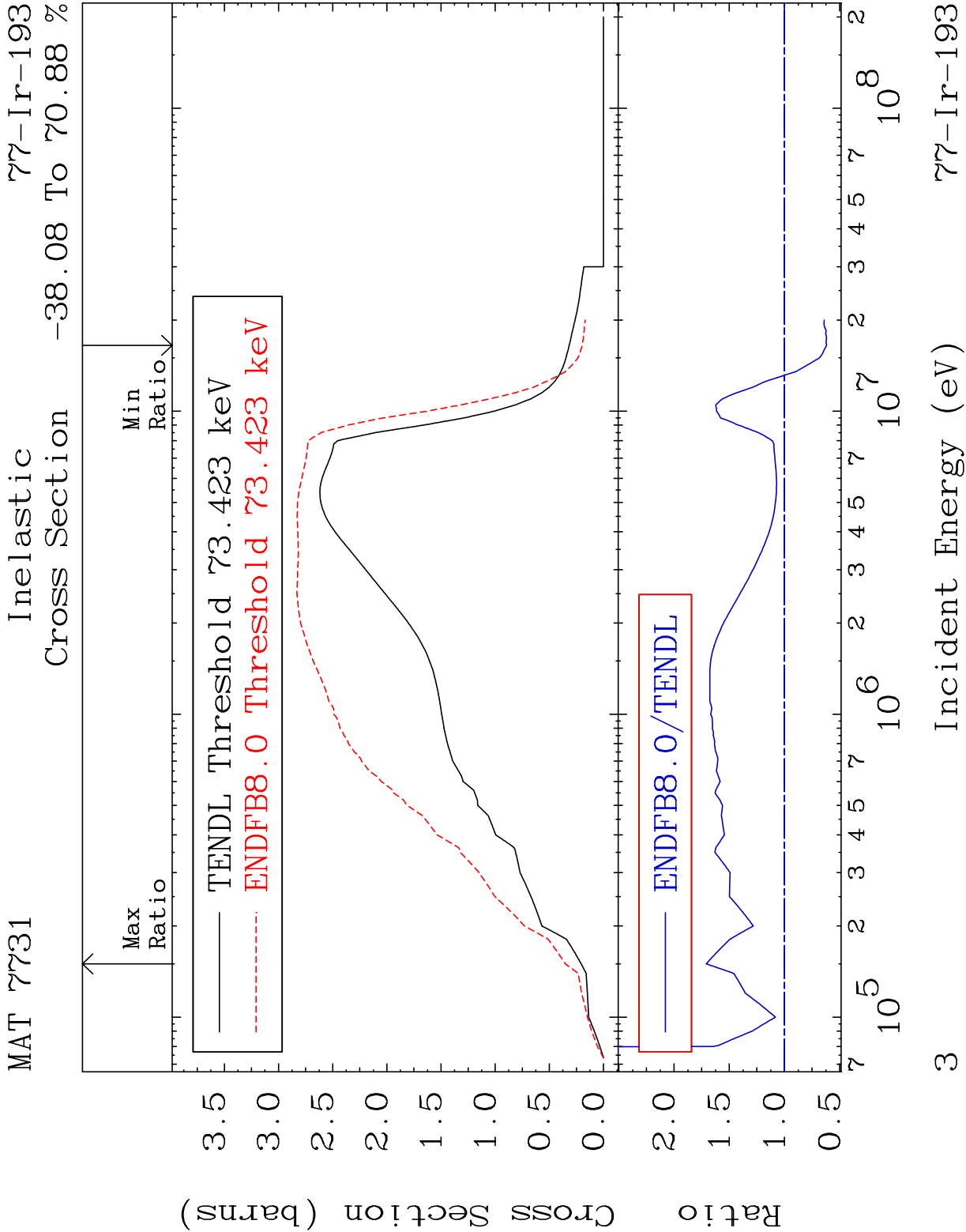
Elastic

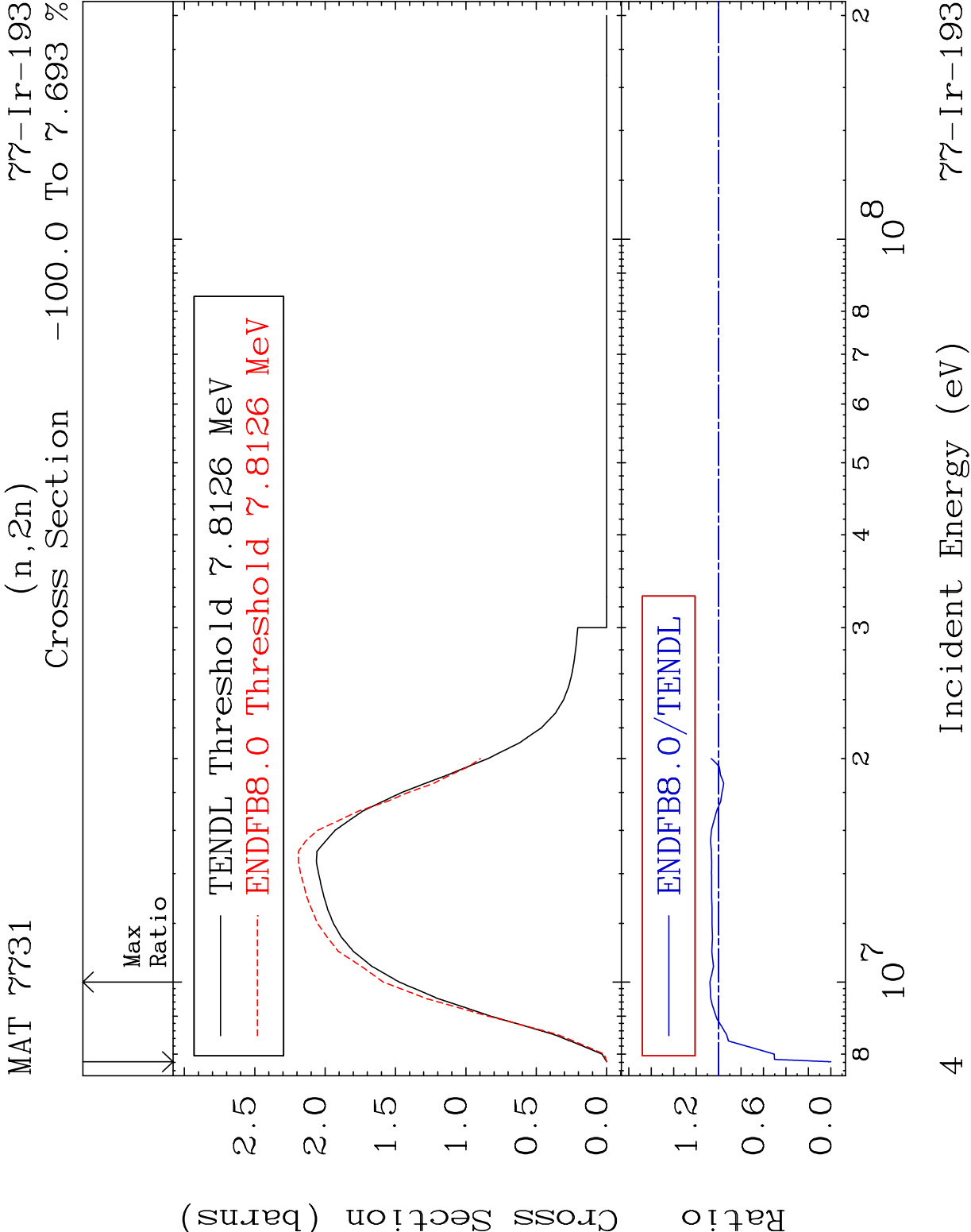
⁷⁷Ir-193

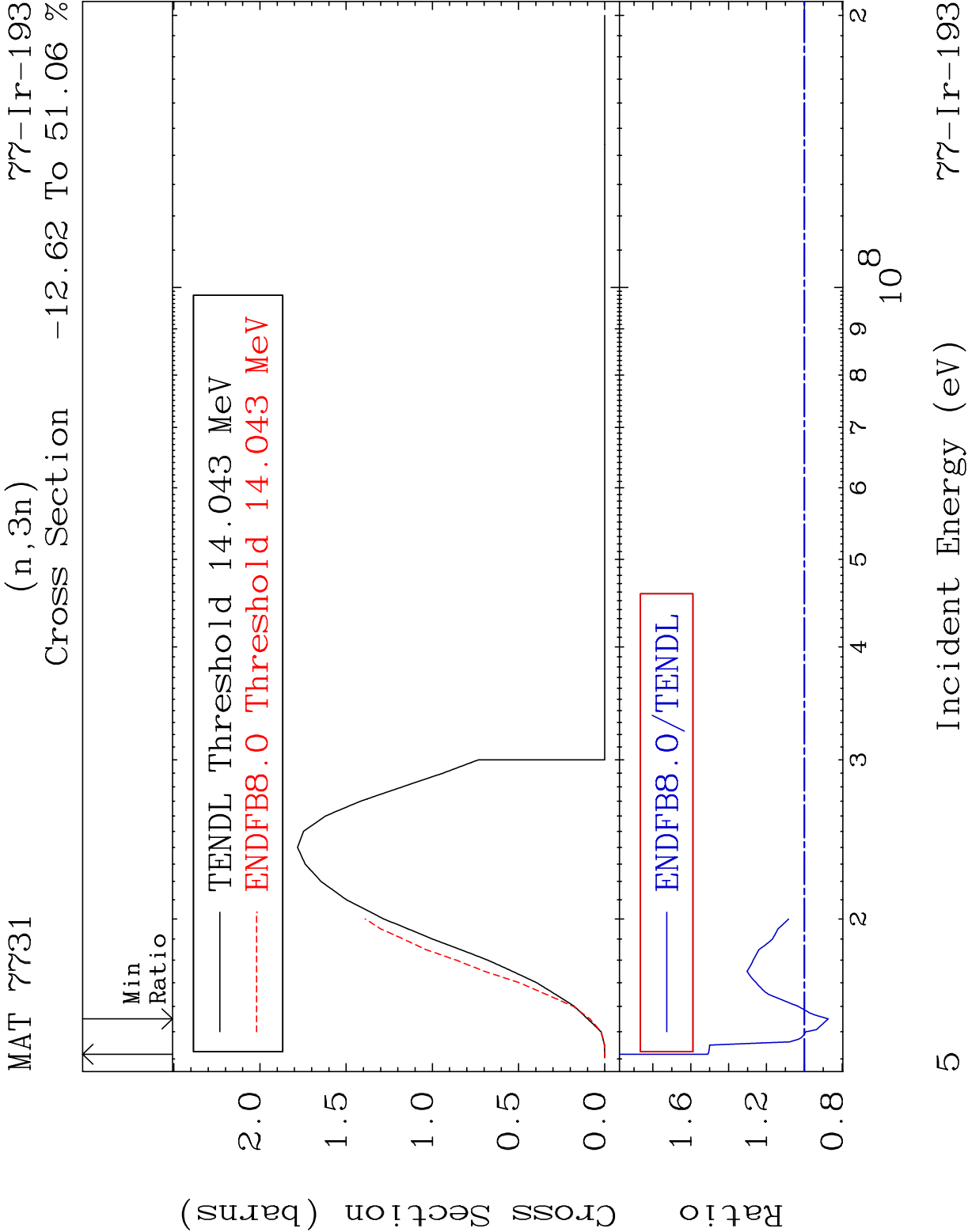
Cross Section -44.22 To 2804. %

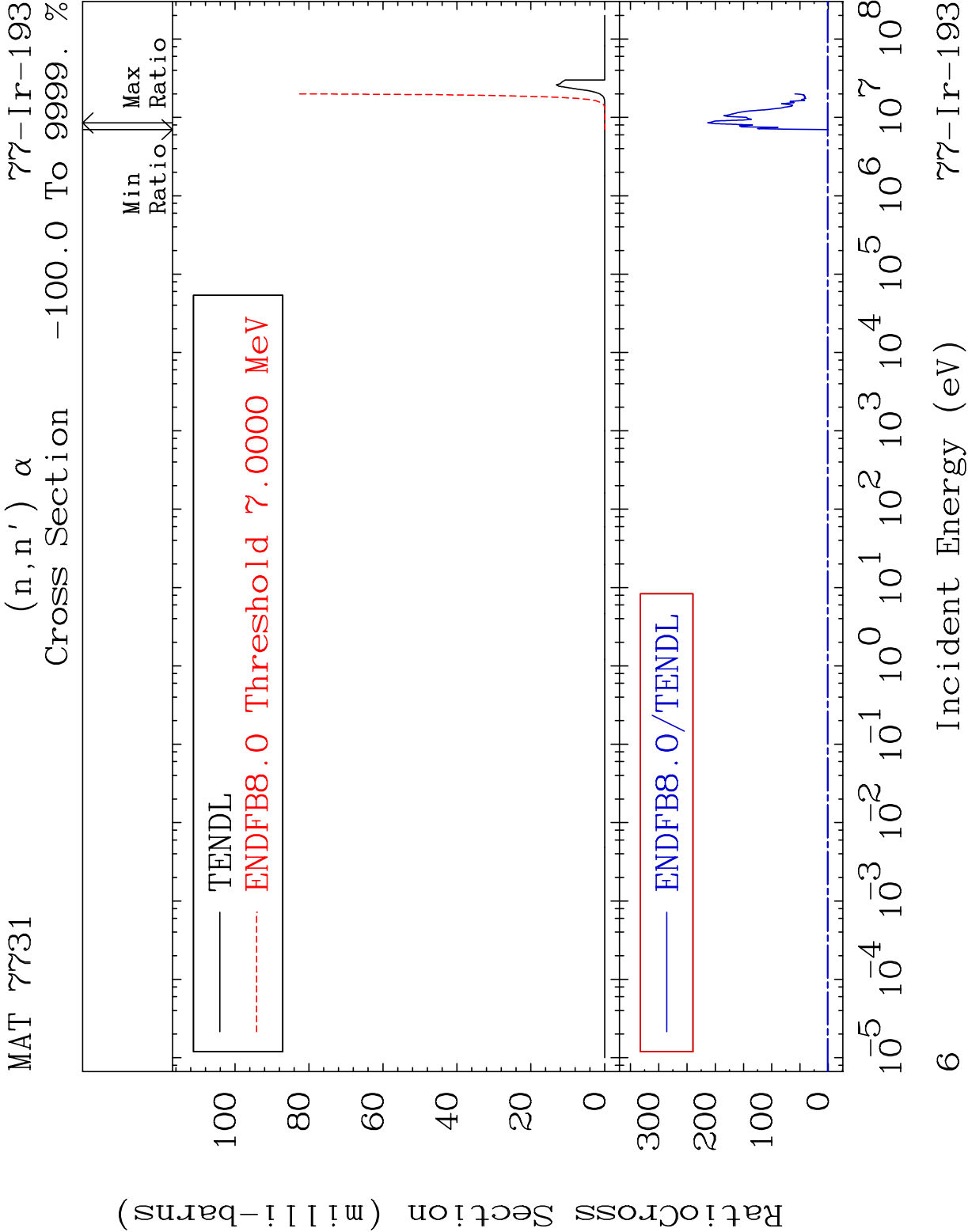


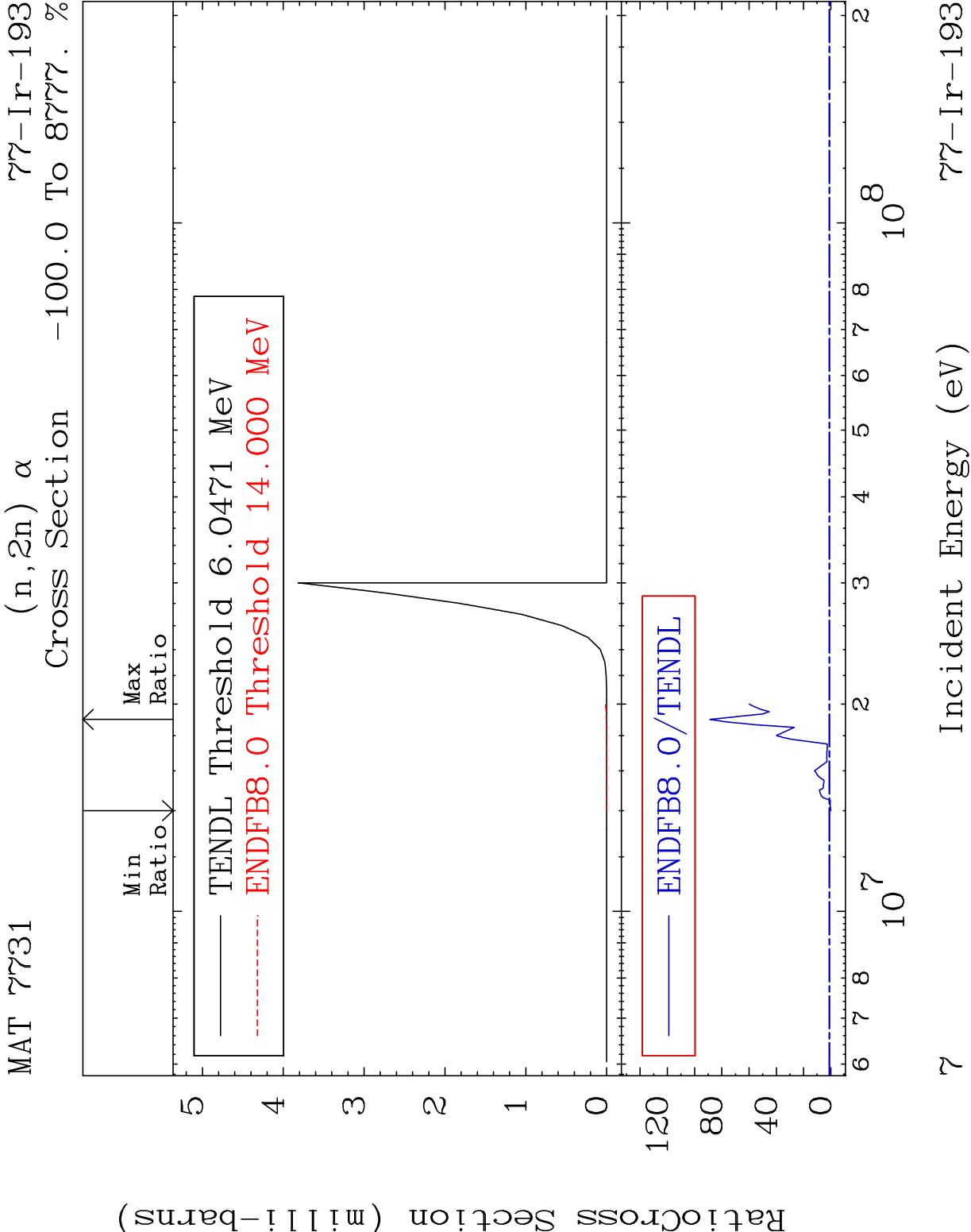
2

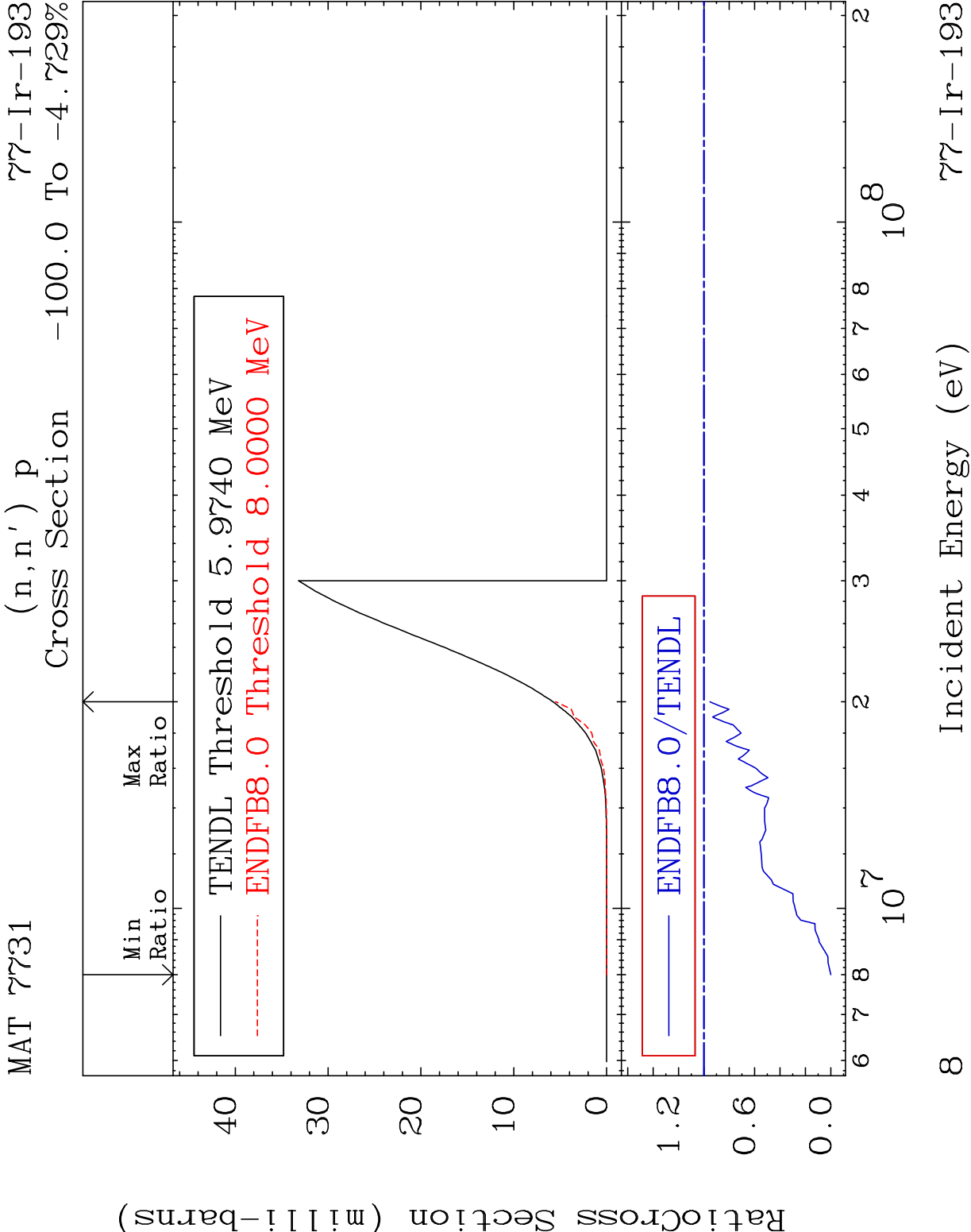












RatioCross Section (milli-barns)

40
30
20
10
0
1.2
0.6
0.0

TENDL Threshold 5.9740 MeV

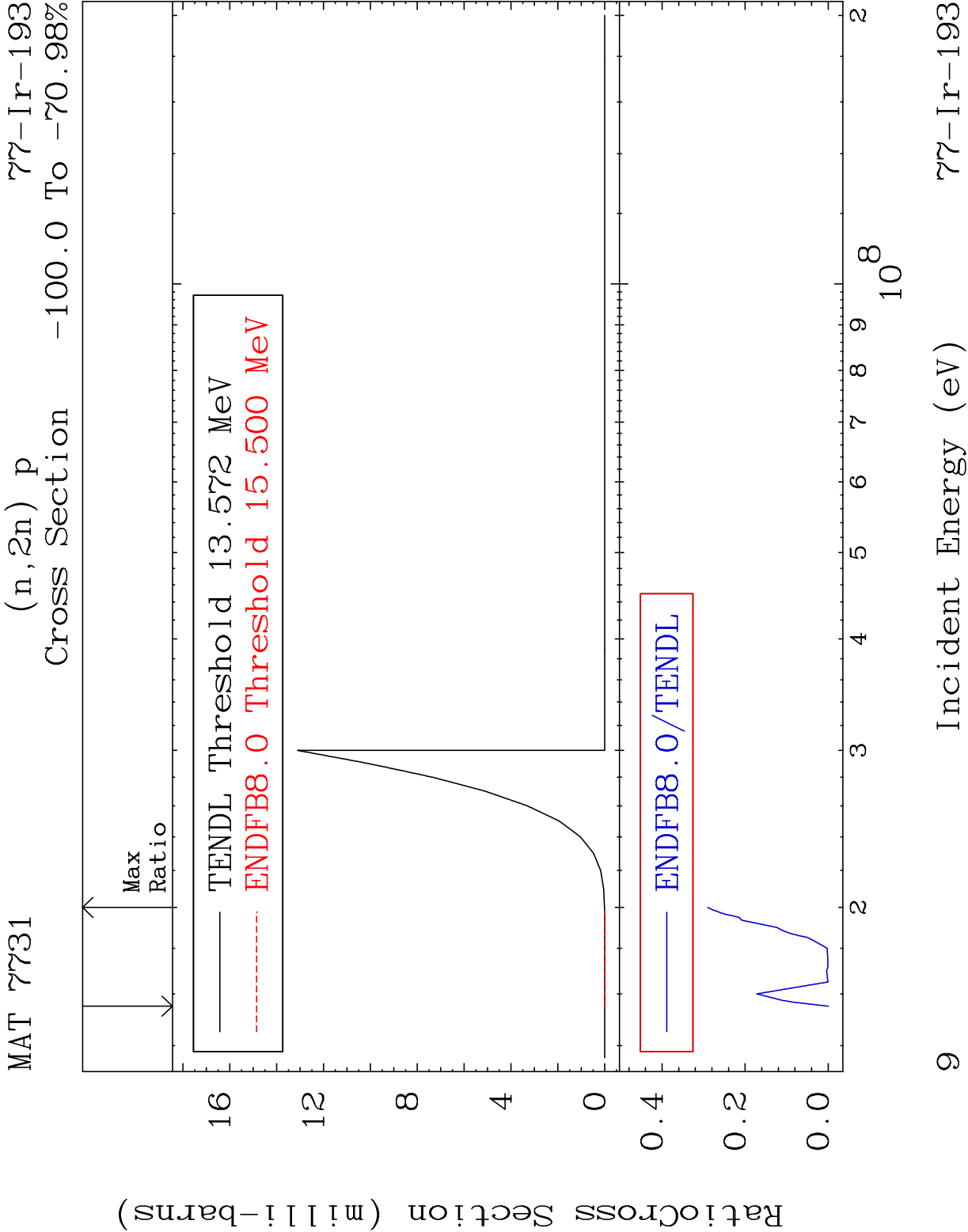
ENDFB8.0 Threshold 8.0000 MeV

ENDFB8.0/TENDL

8

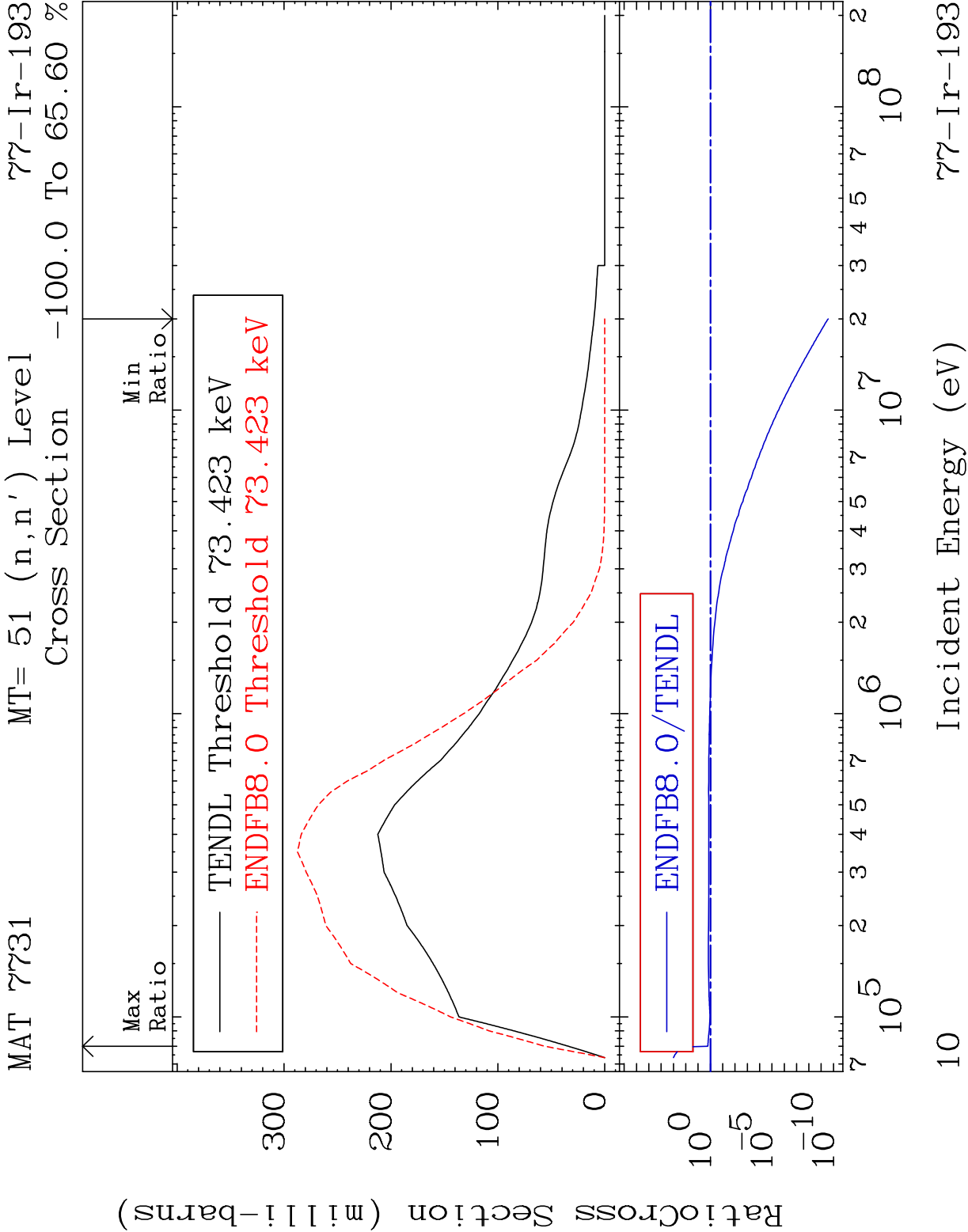
Incident Energy (eV)

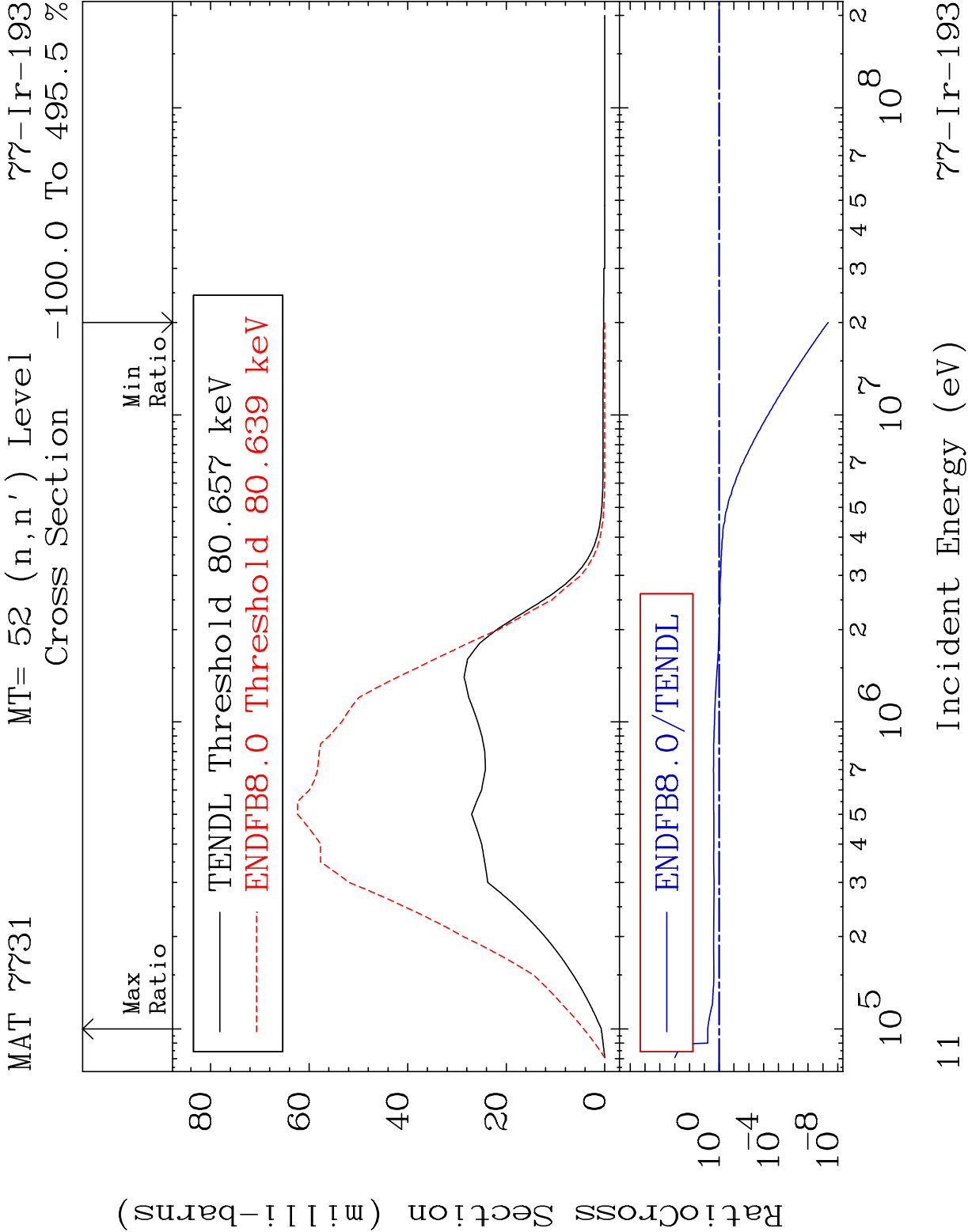
77-Ir-193



9

77-Ir-193





MAT 7731

MT= 53 (n,n')

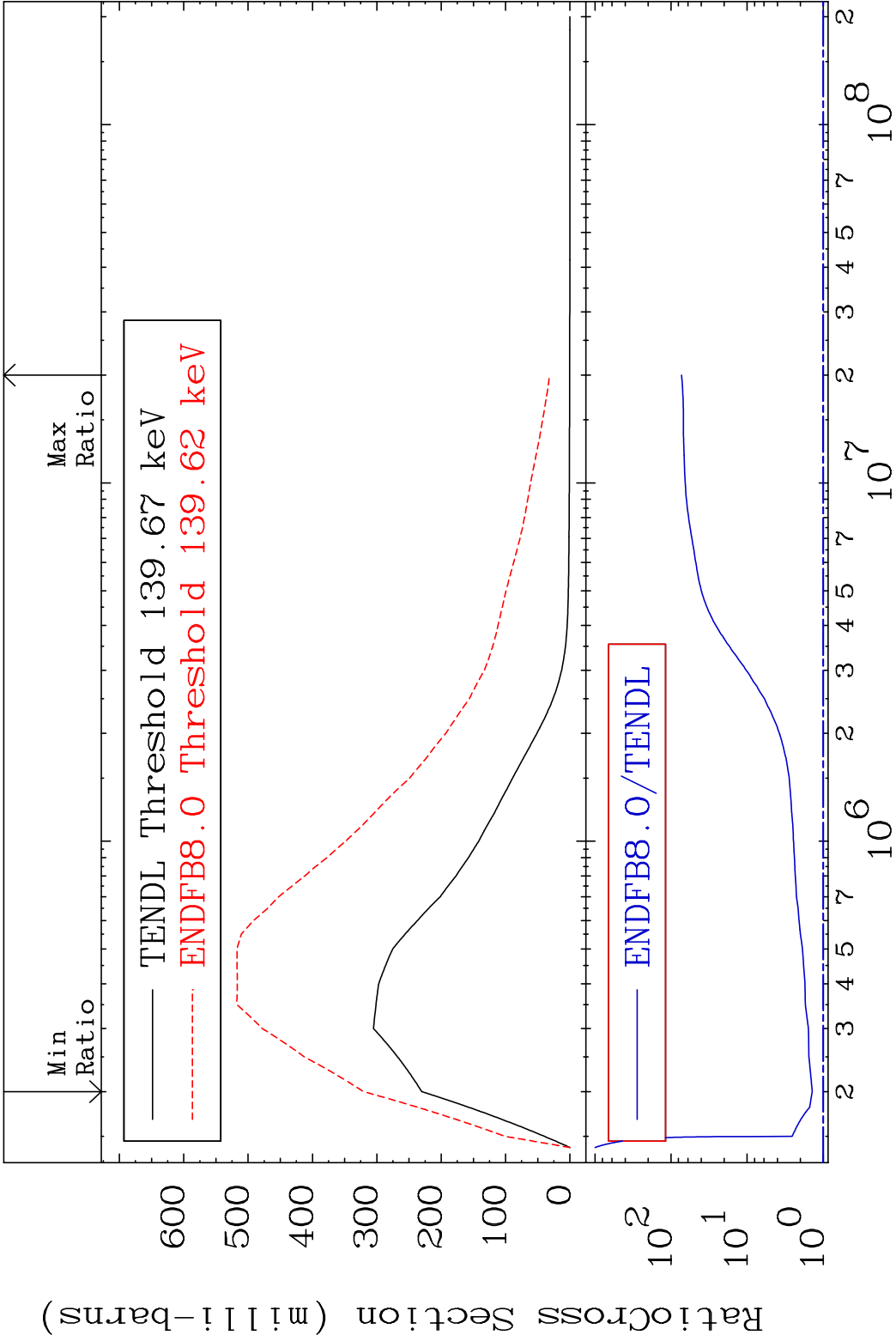
Level

77-Ir-193

Cross Section

39.35

To 7186. %

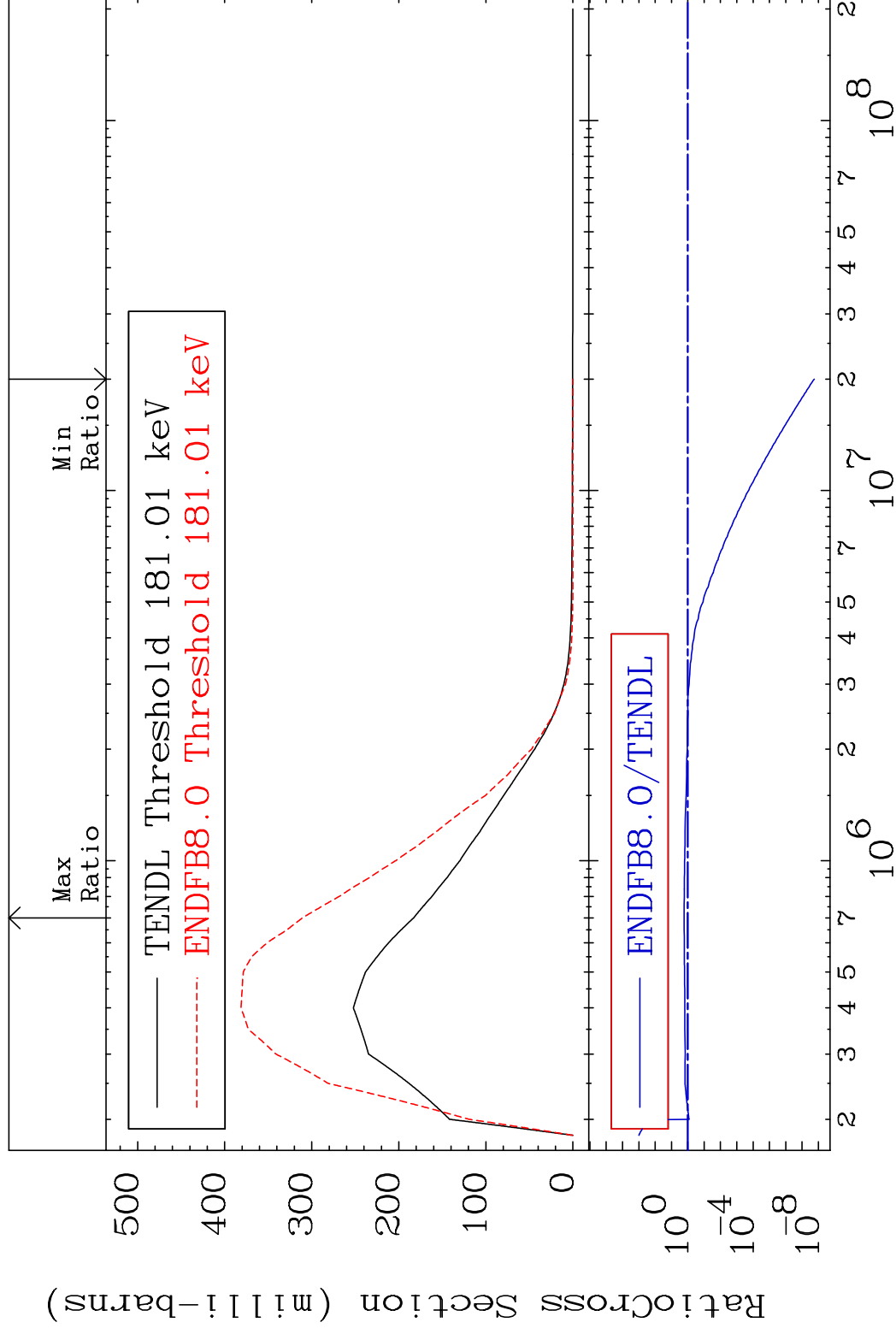


MAT 7731

MT= 54 (n, n') Level

27-Ir-193

Cross Section -100.0 To 69.77 %



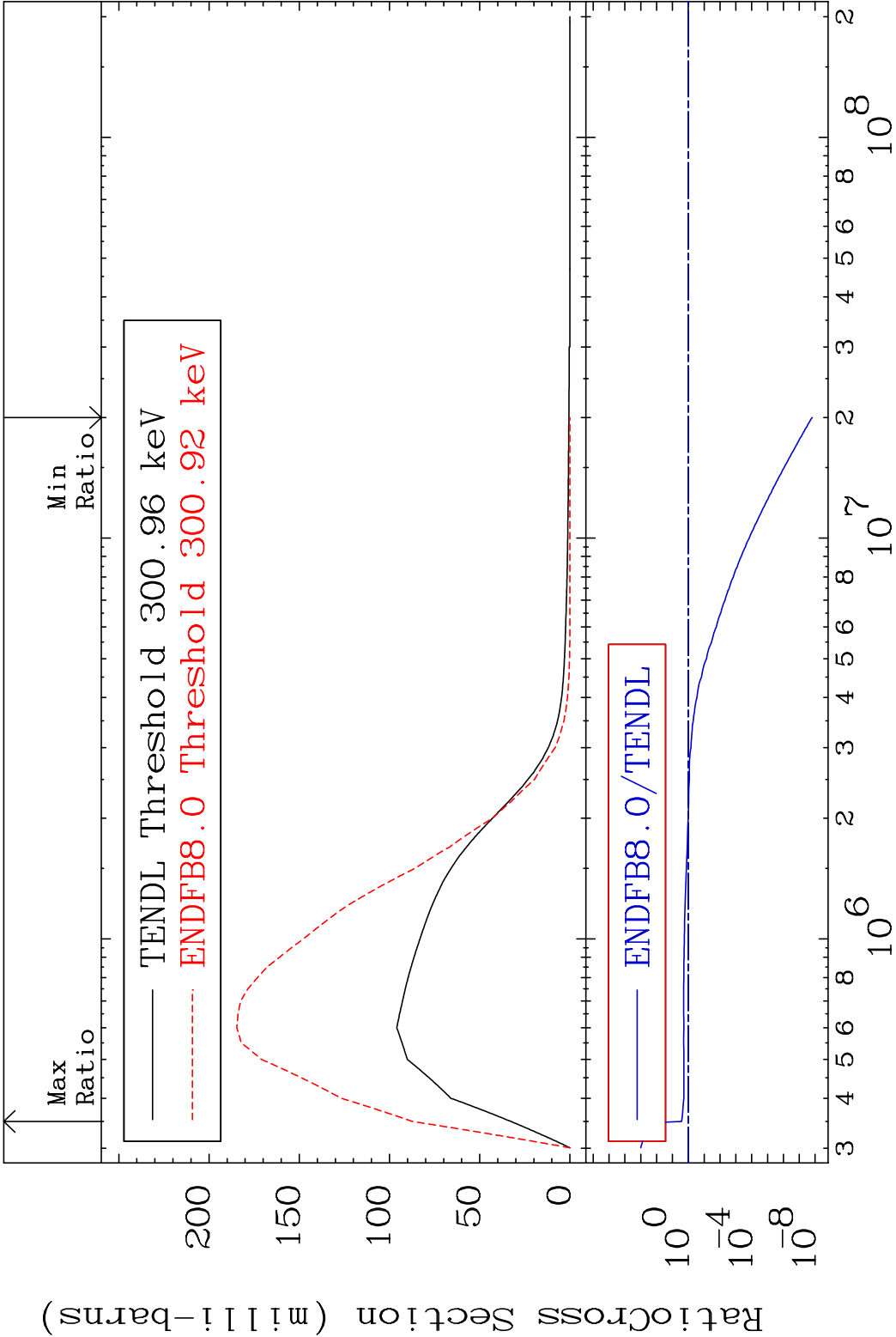
MAT 7731

MT= 55 (n,n') Level

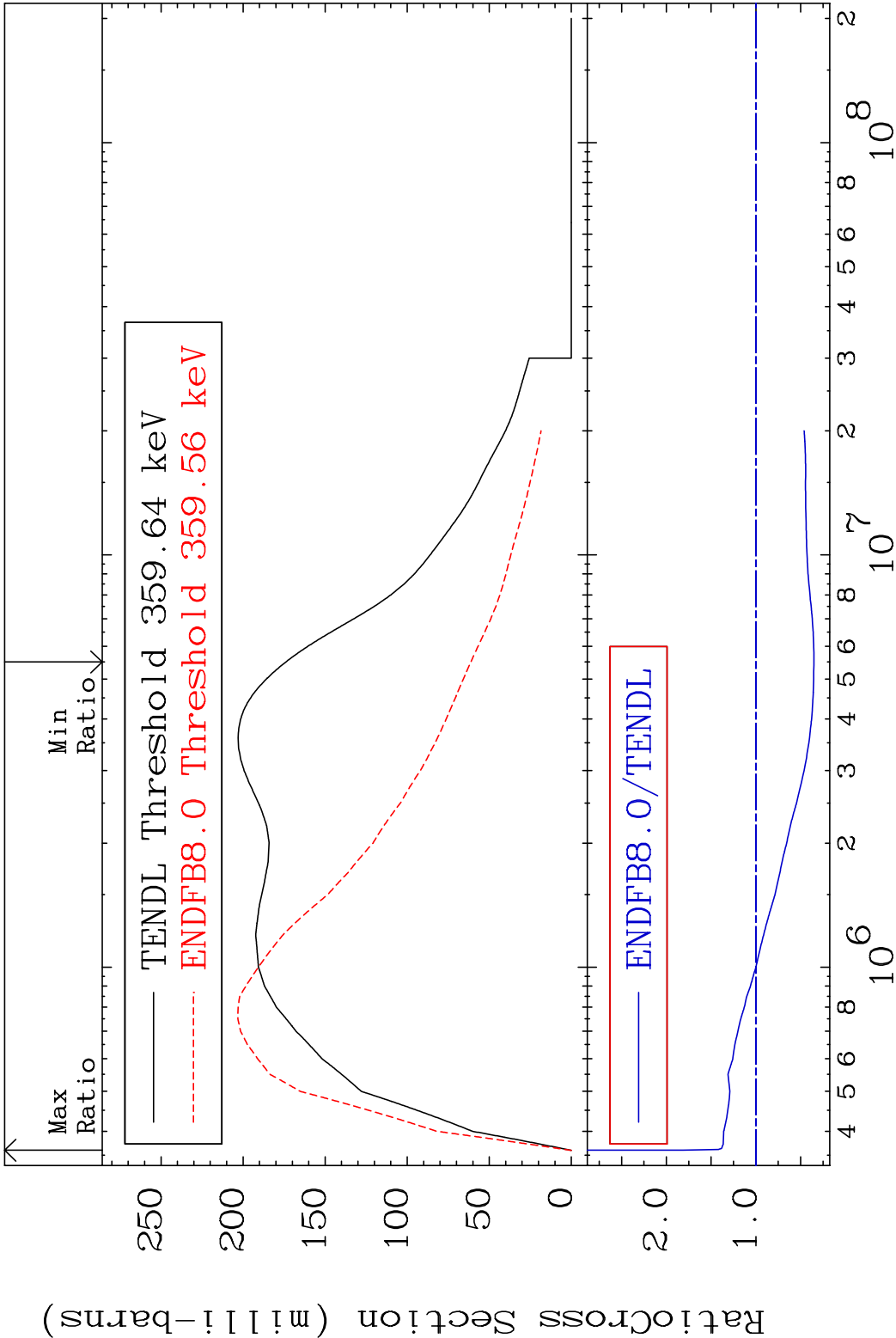
77-Ir-193

Cross Section

-100.0 To 166.9 %

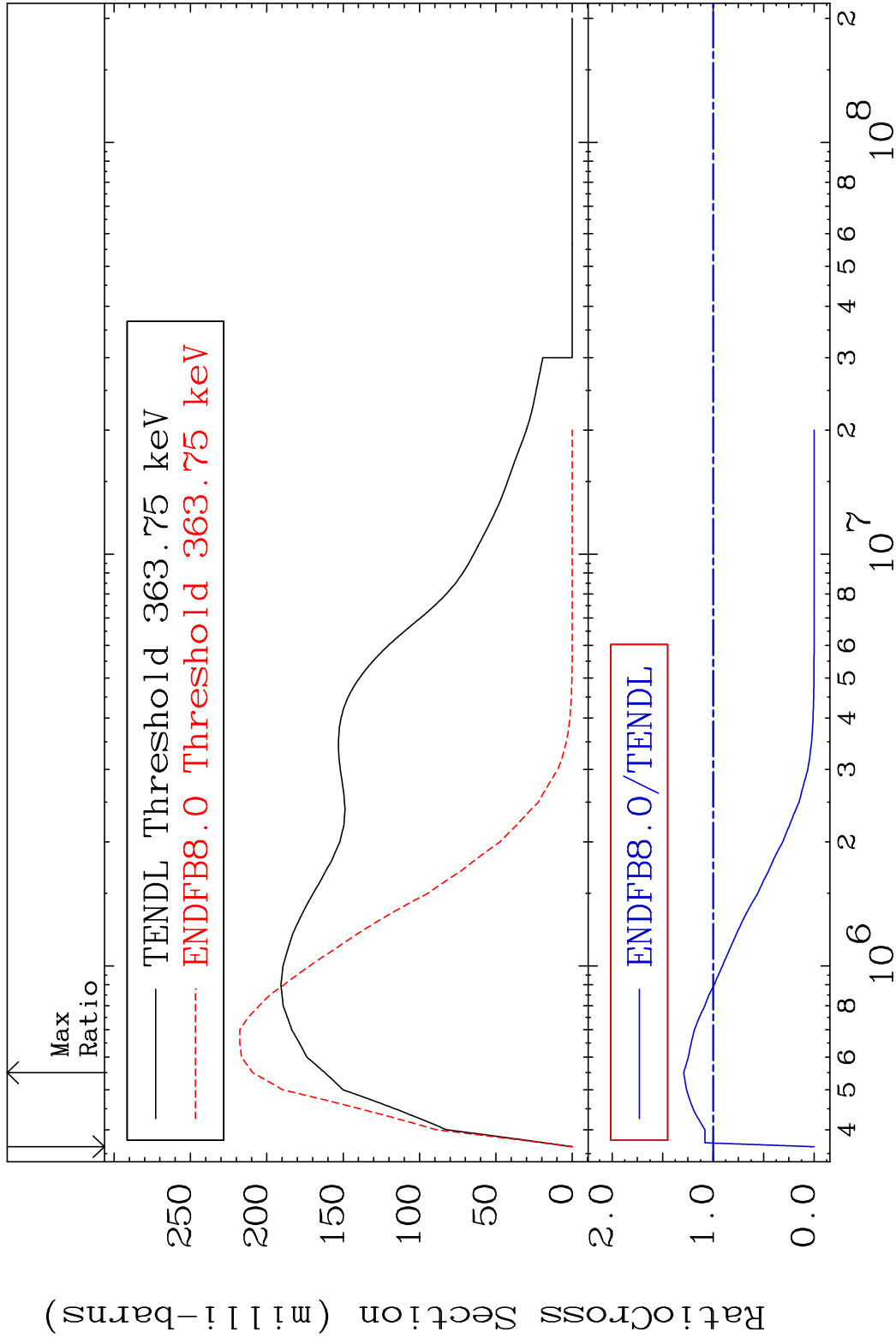


MAT 7731 MT= 56 (n,n') Level 77-Ir-193
Cross Section -64.78 To 81.38 %

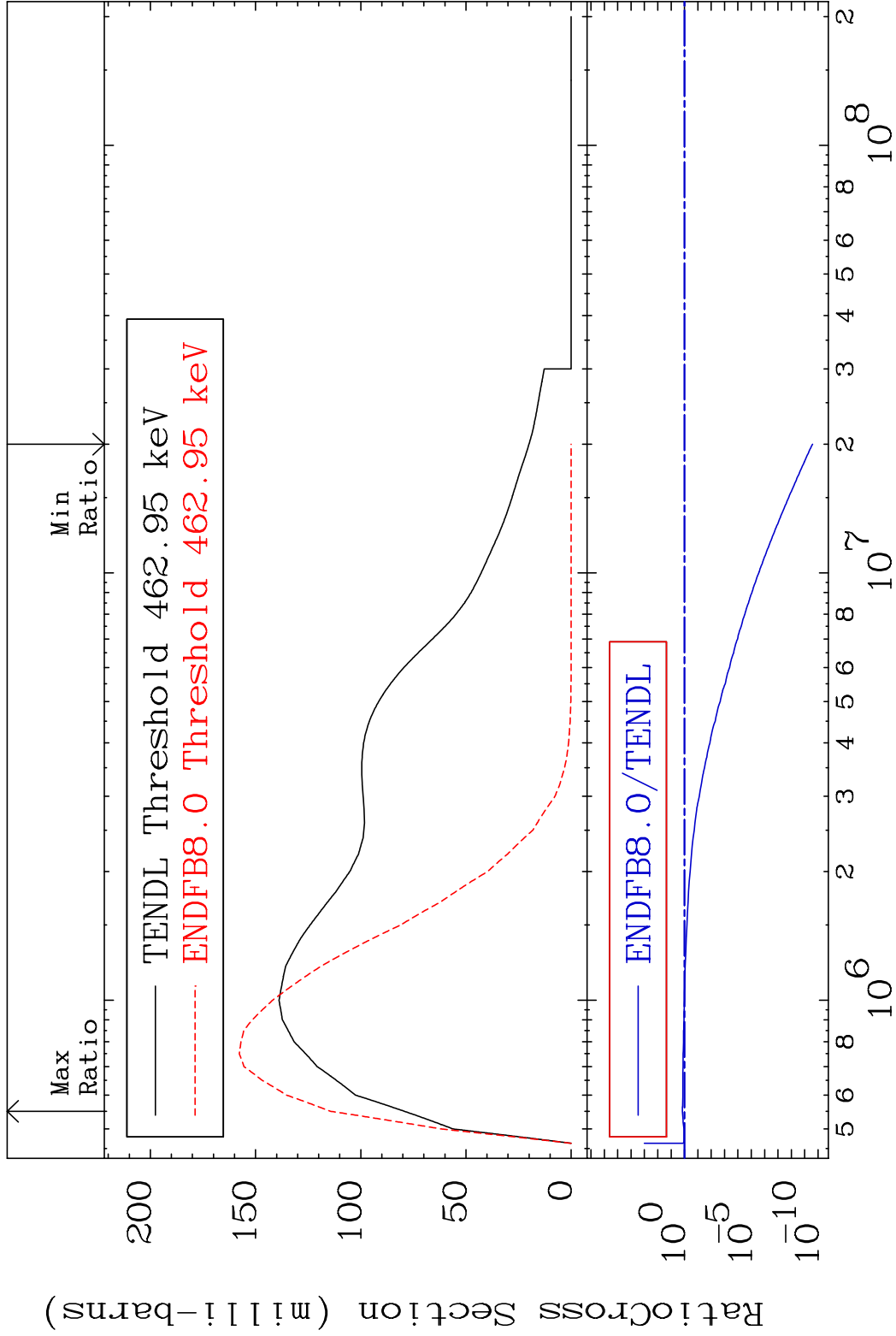


15 Incident Energy (eV) 77-Ir-193

MAT 7731 MT= 57 (n,n') Level 77-Ir-193
Cross Section -100.0 To 29.20 %

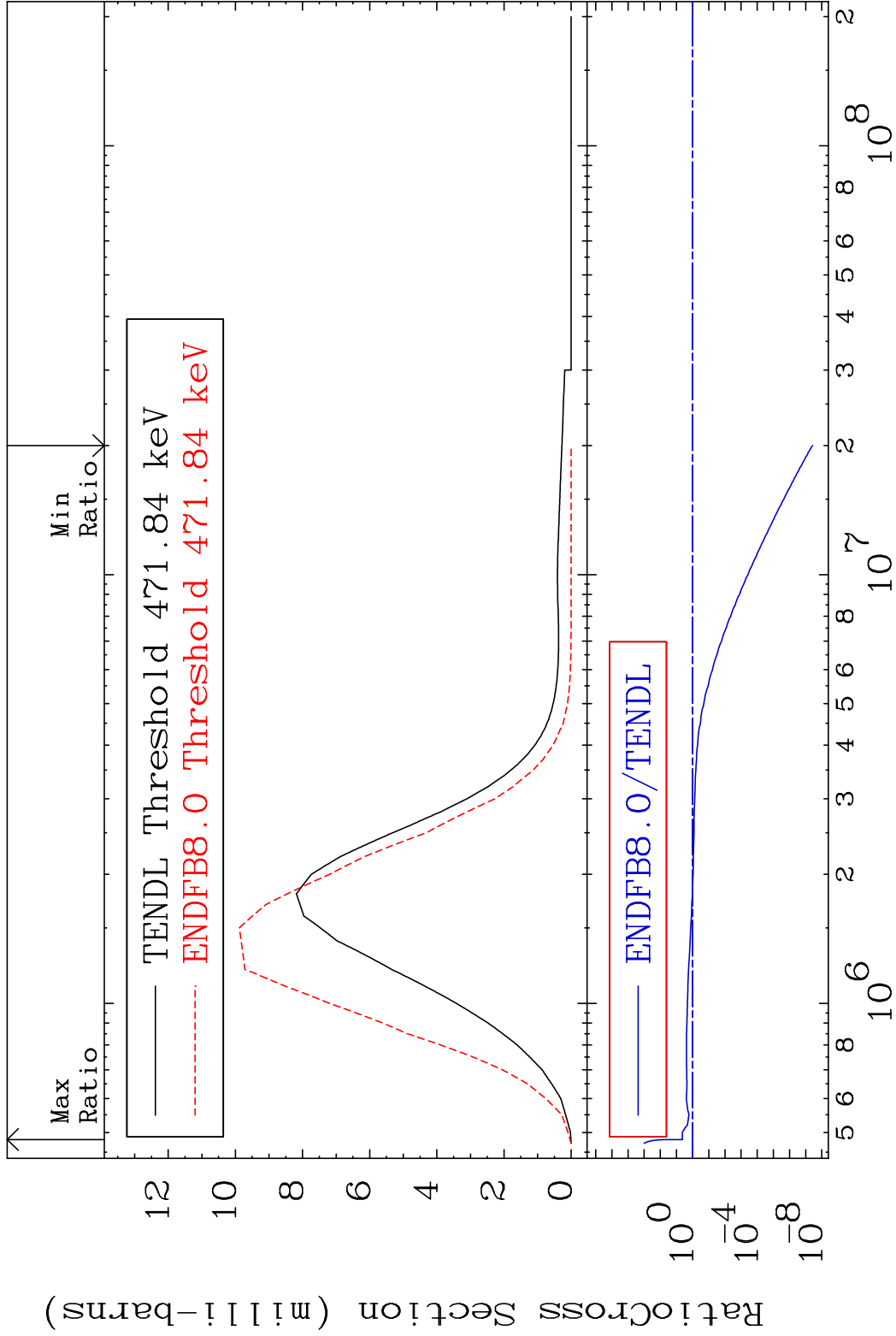


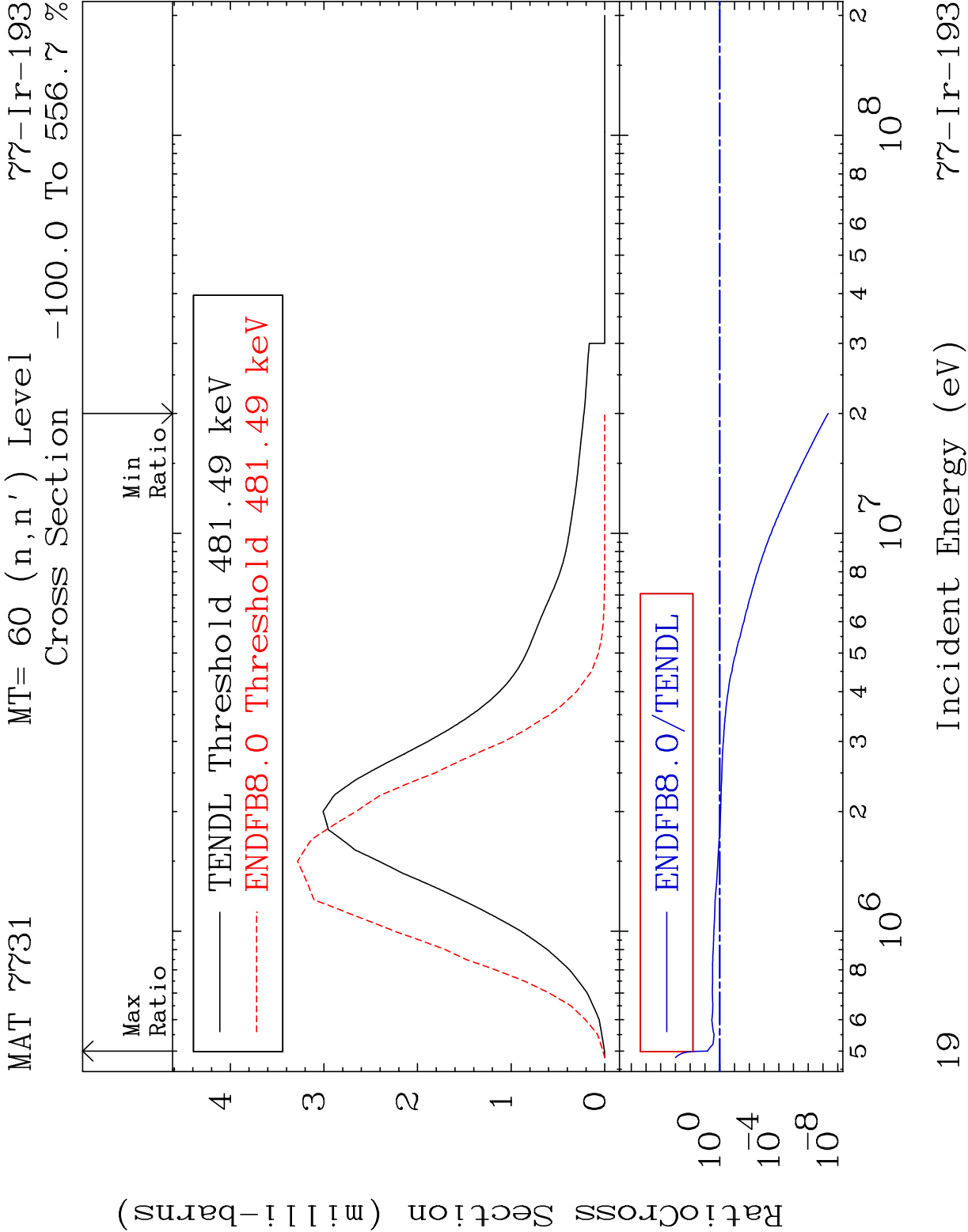
MAT 7731 MT= 58 (n,n') Level 77-Ir-193
Cross Section -100.0 To 44.21 %

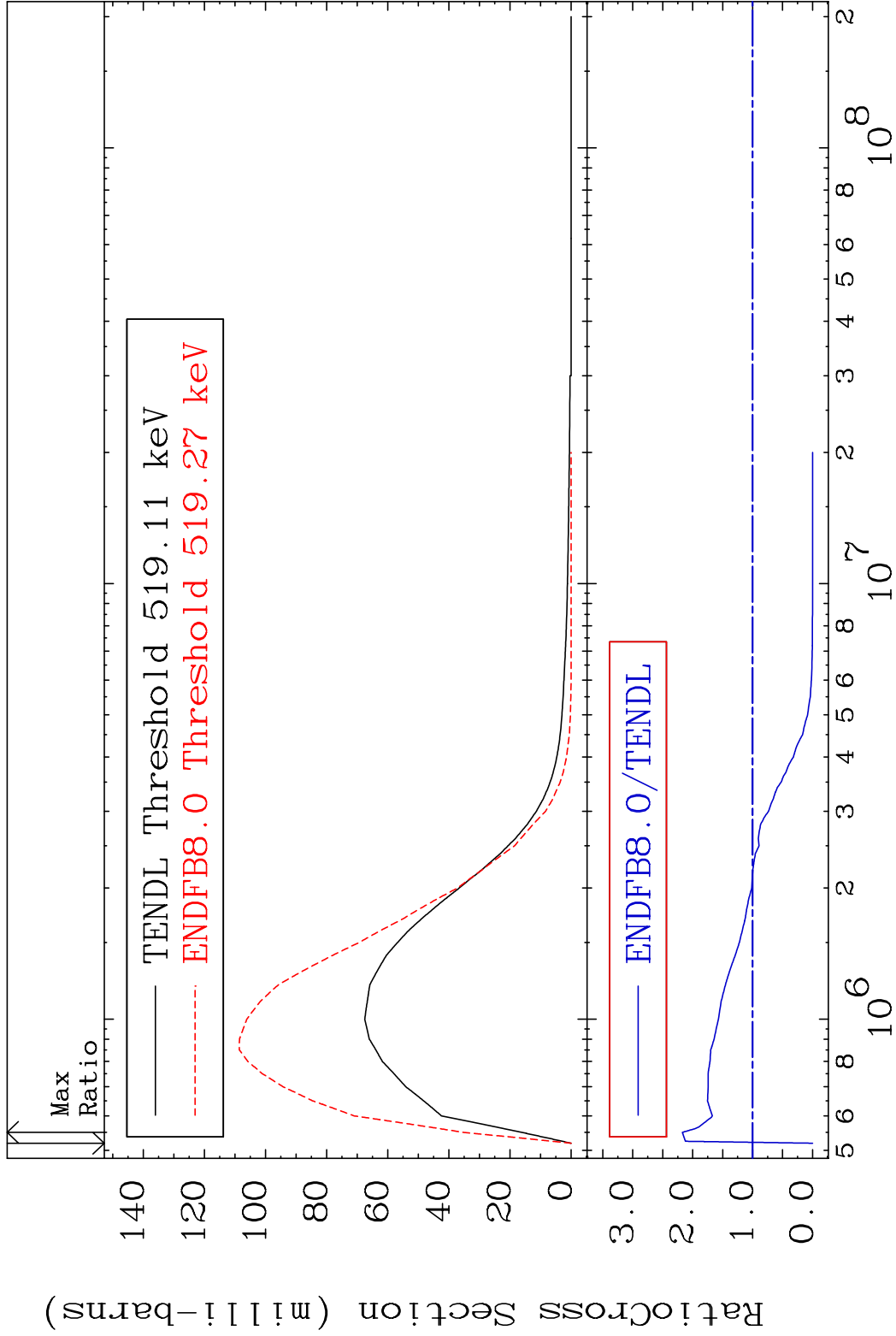


MAT 7731 MT= 59 (n,n') Level 77-Ir-193

Cross Section -100.0 To 332.7 %





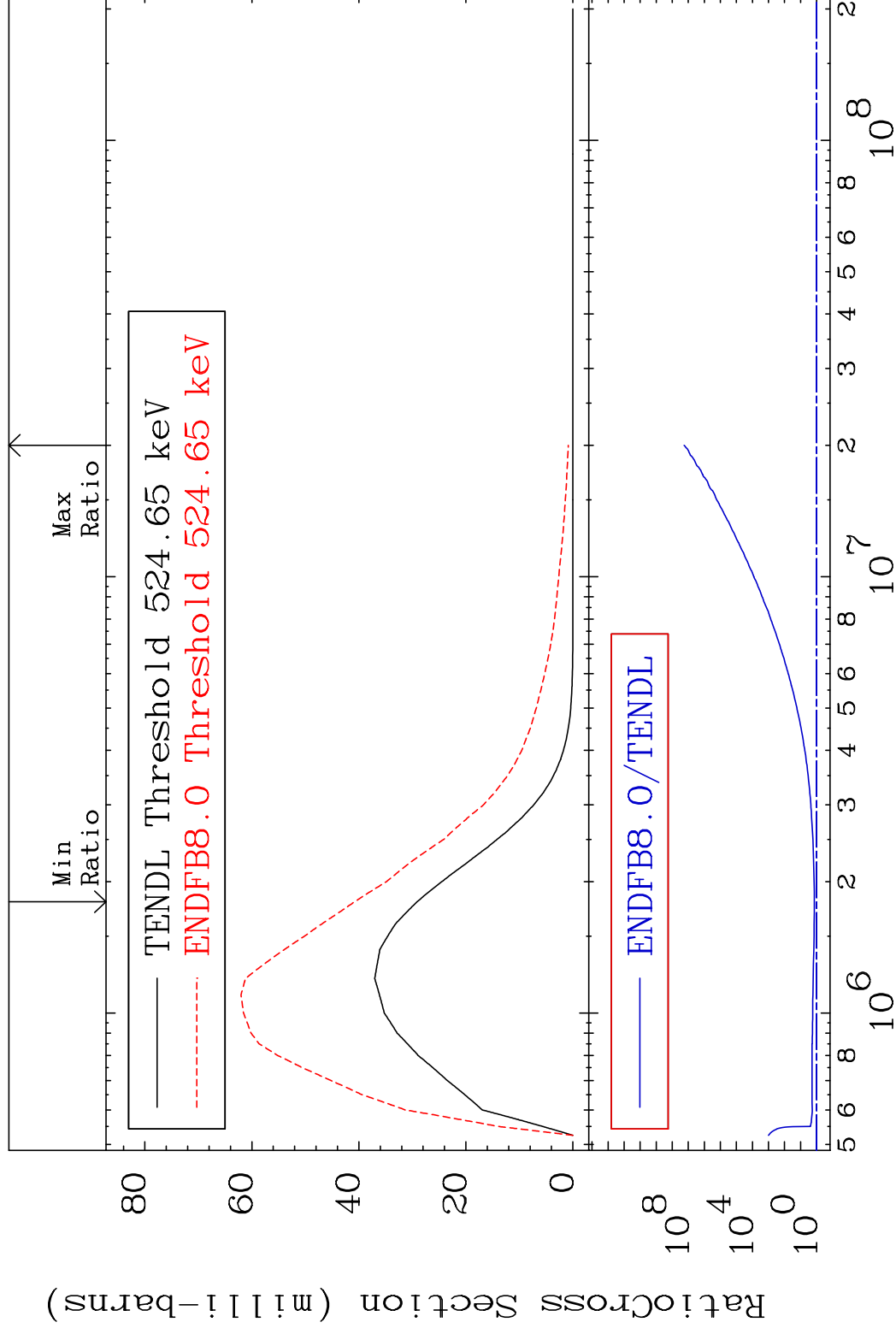


MAT 7731

MT= 62 (n, n') Level

27-Ir-193

Cross Section 40.06 To 9999. %



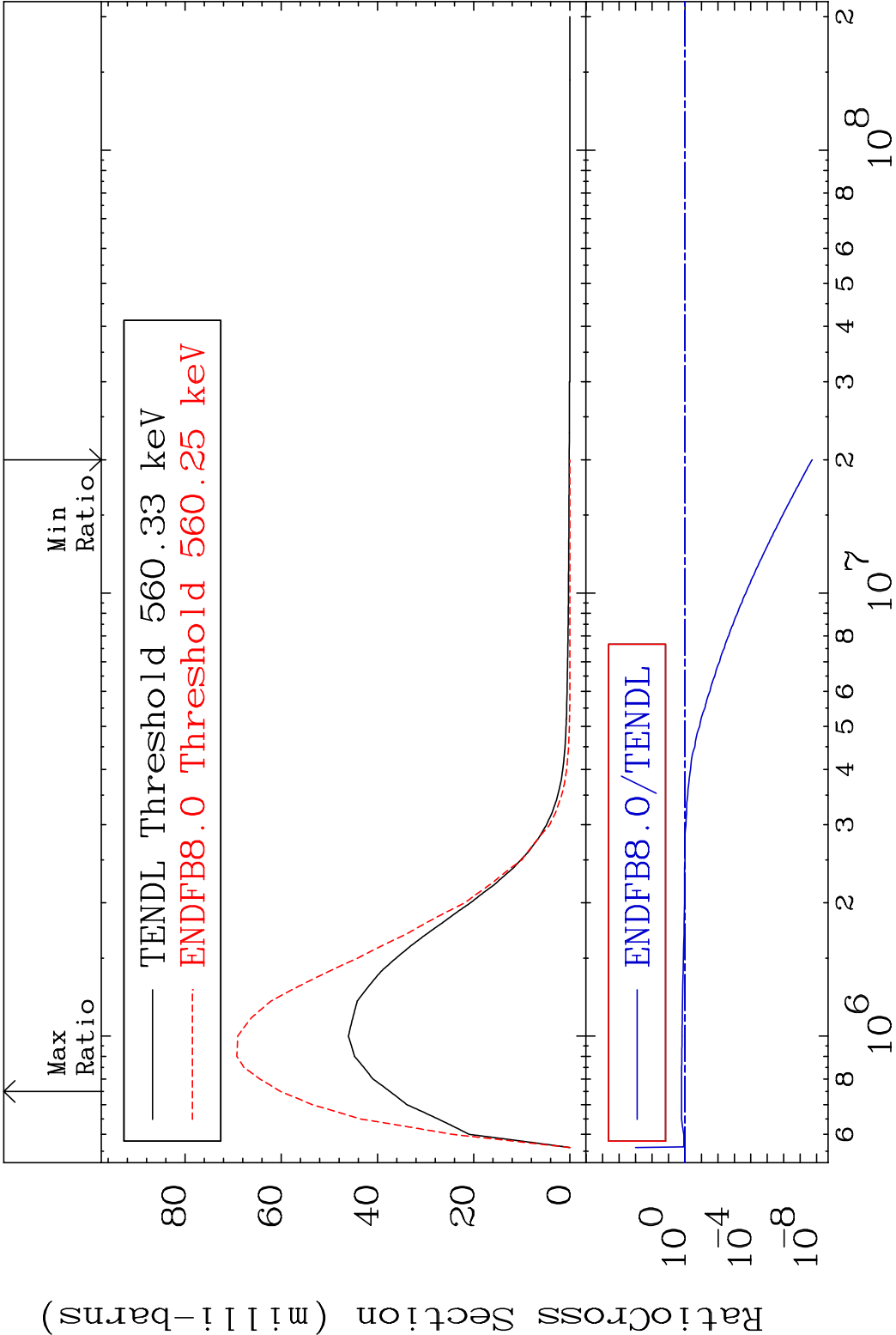
MAT 7731

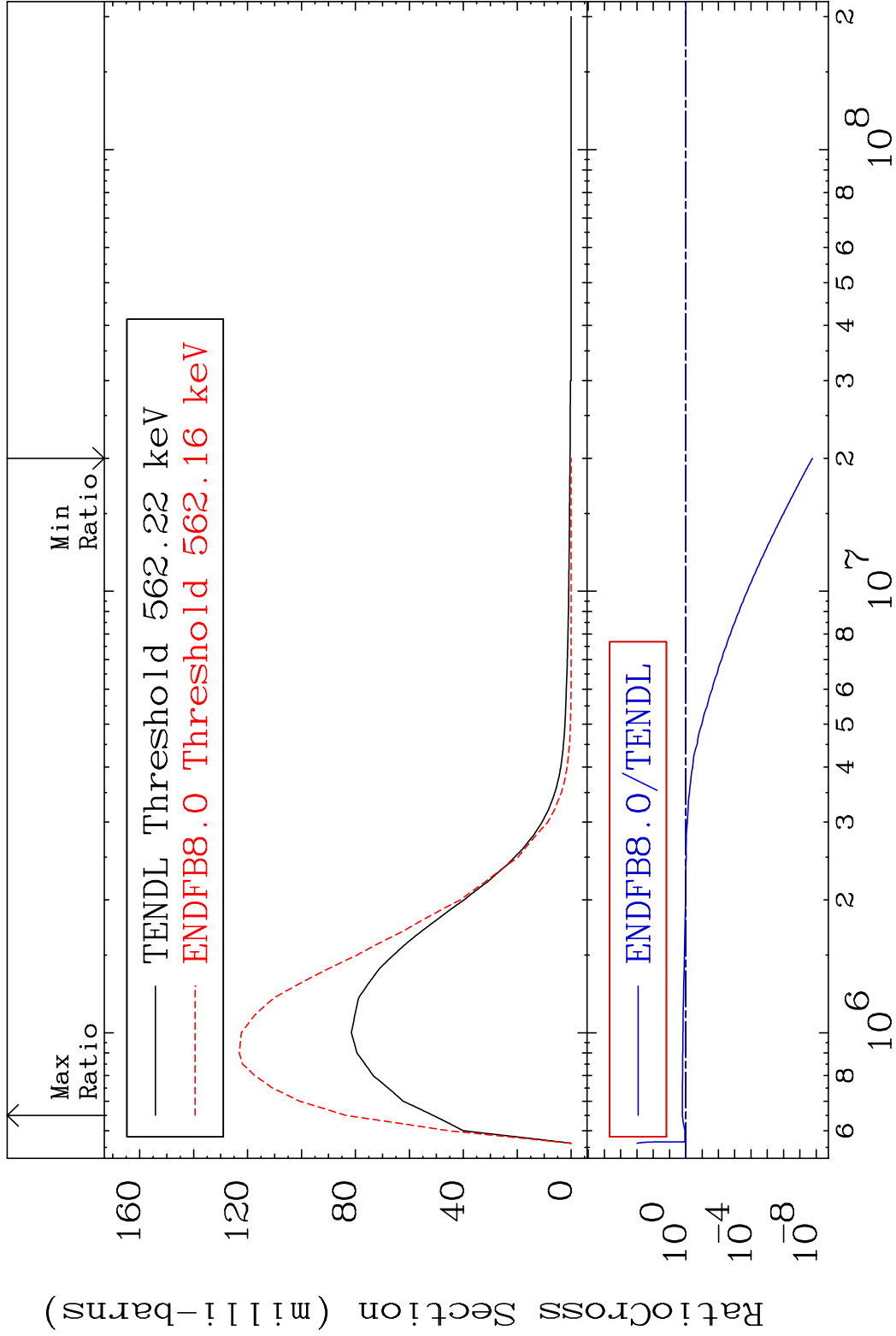
MT= 63 (n,n') Level

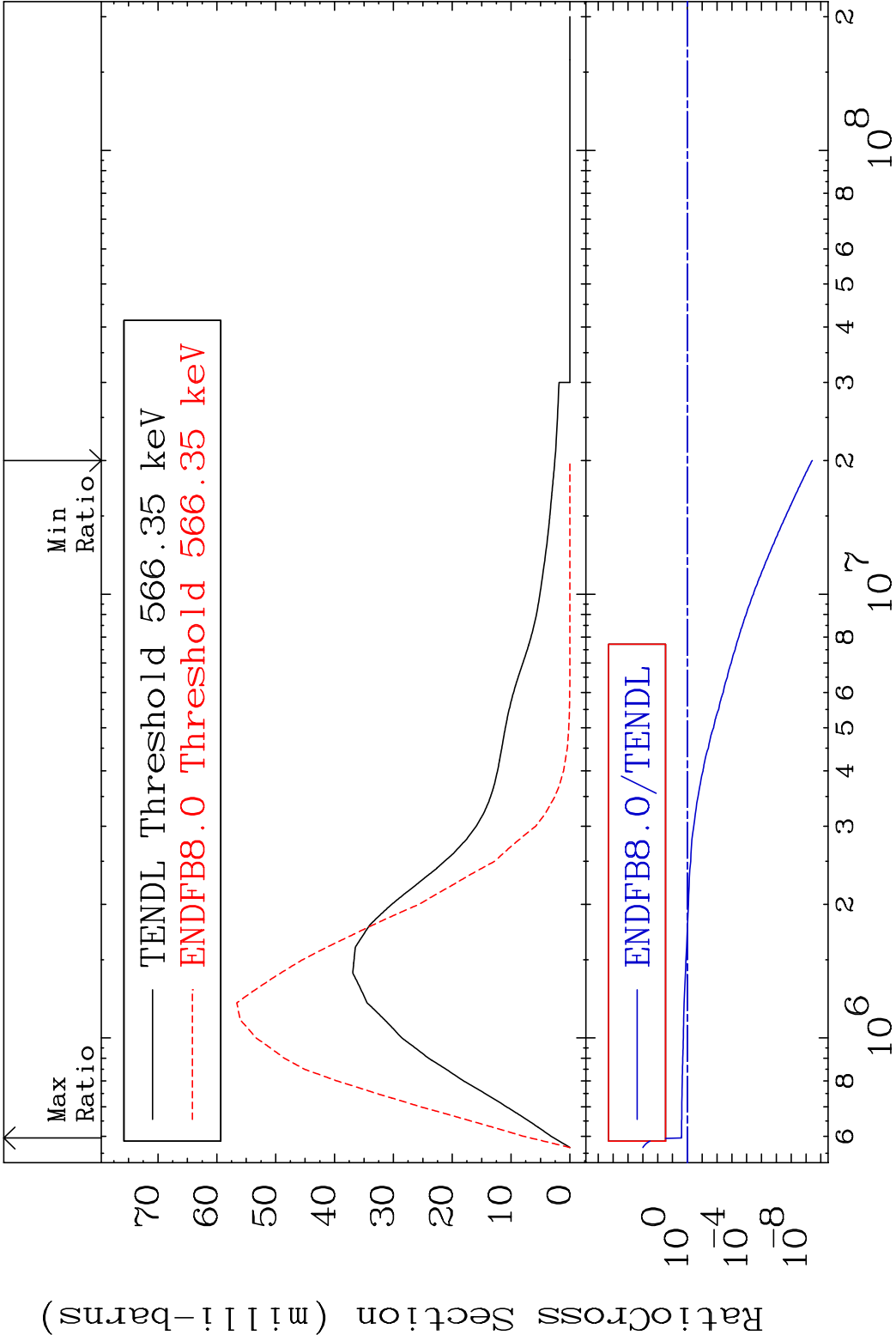
77-Ir-193

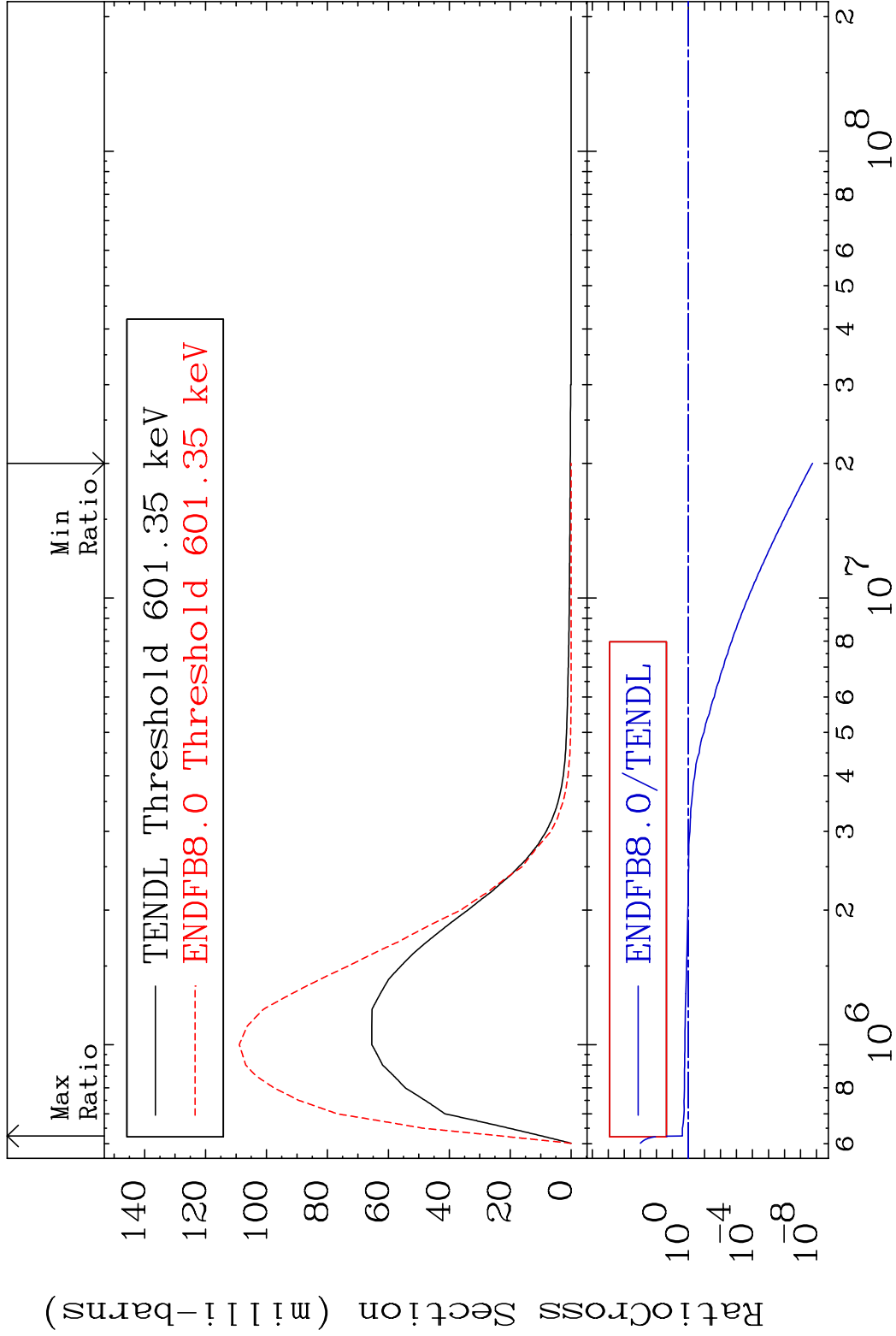
Cross Section

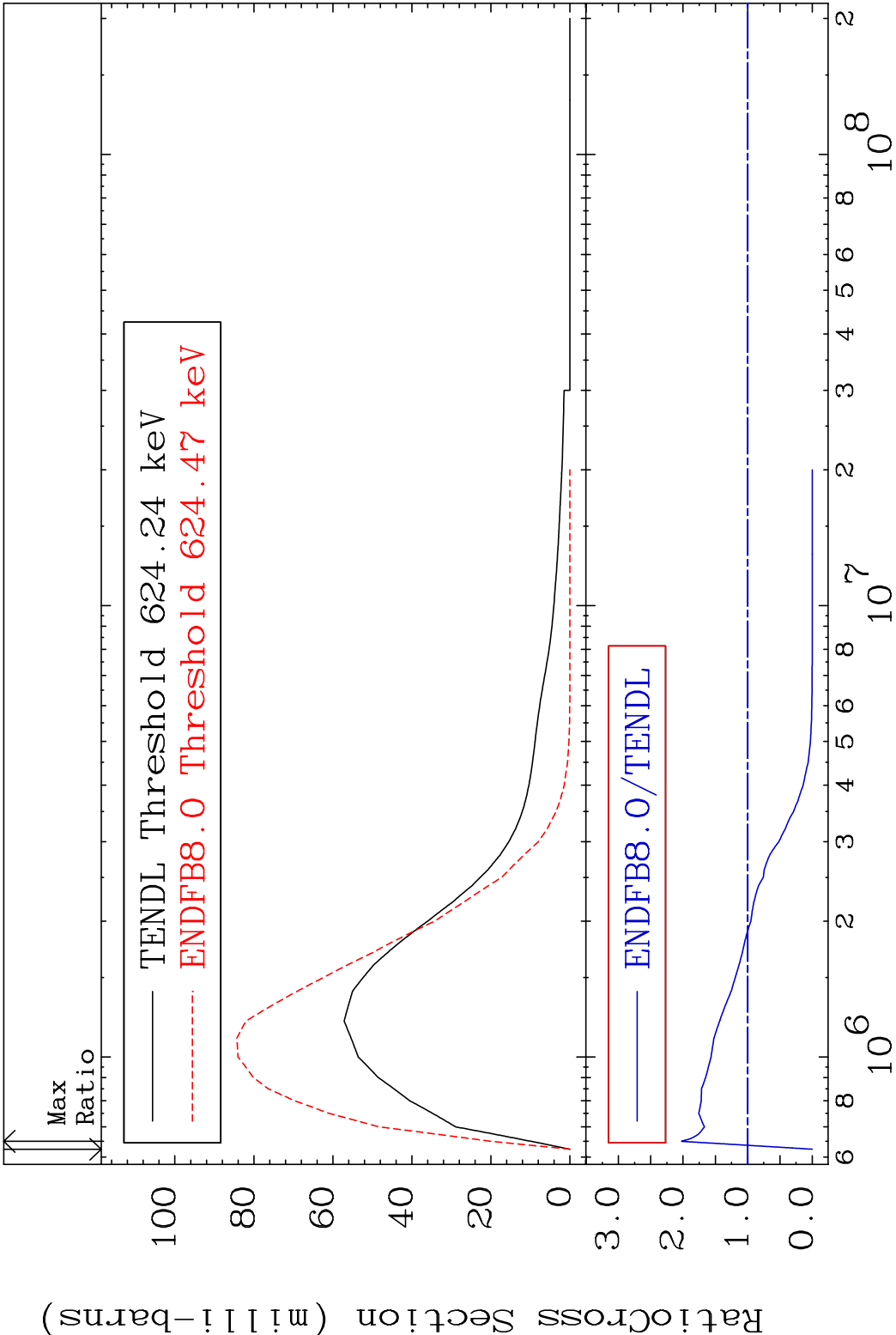
-100.0 To 60.76 %

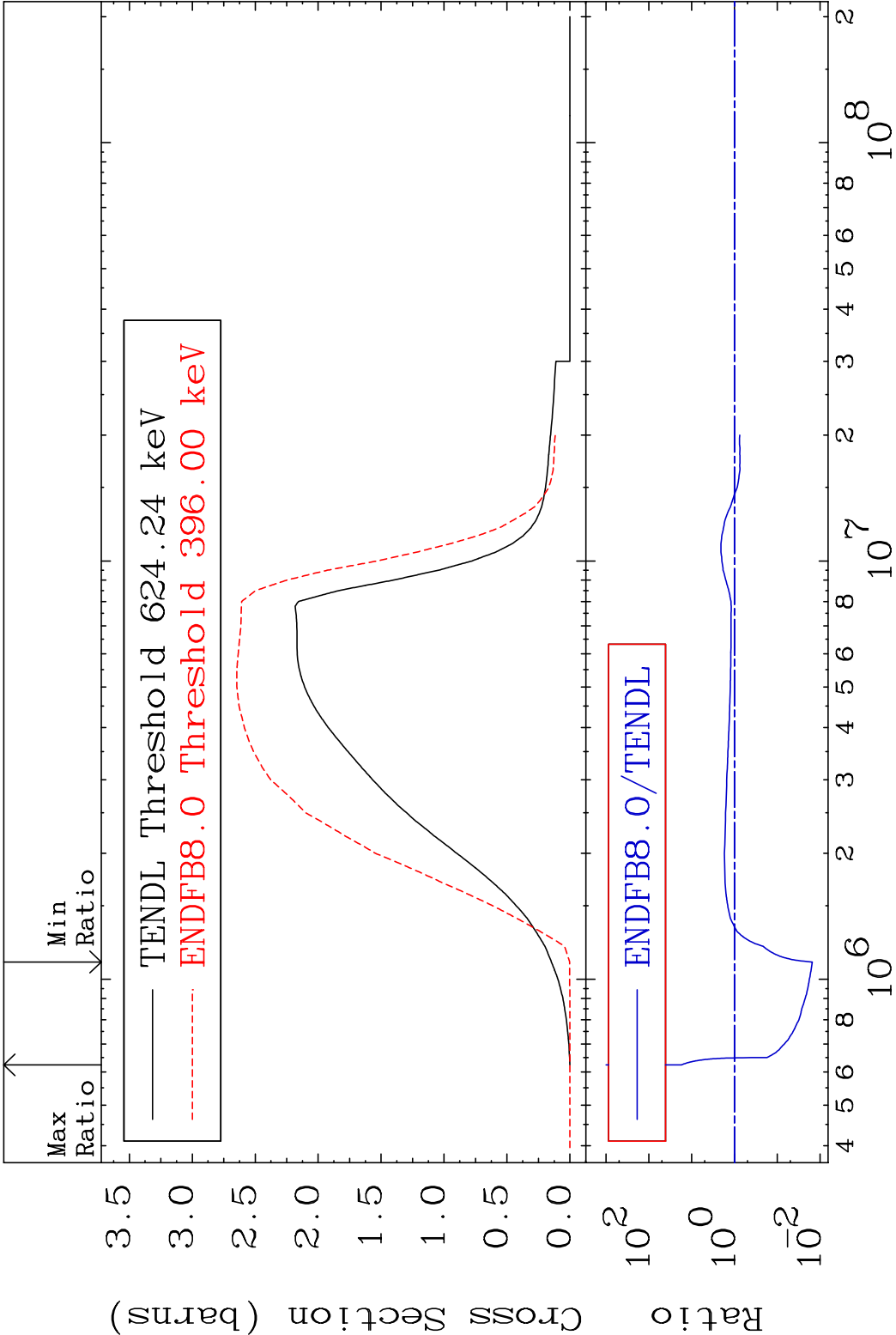










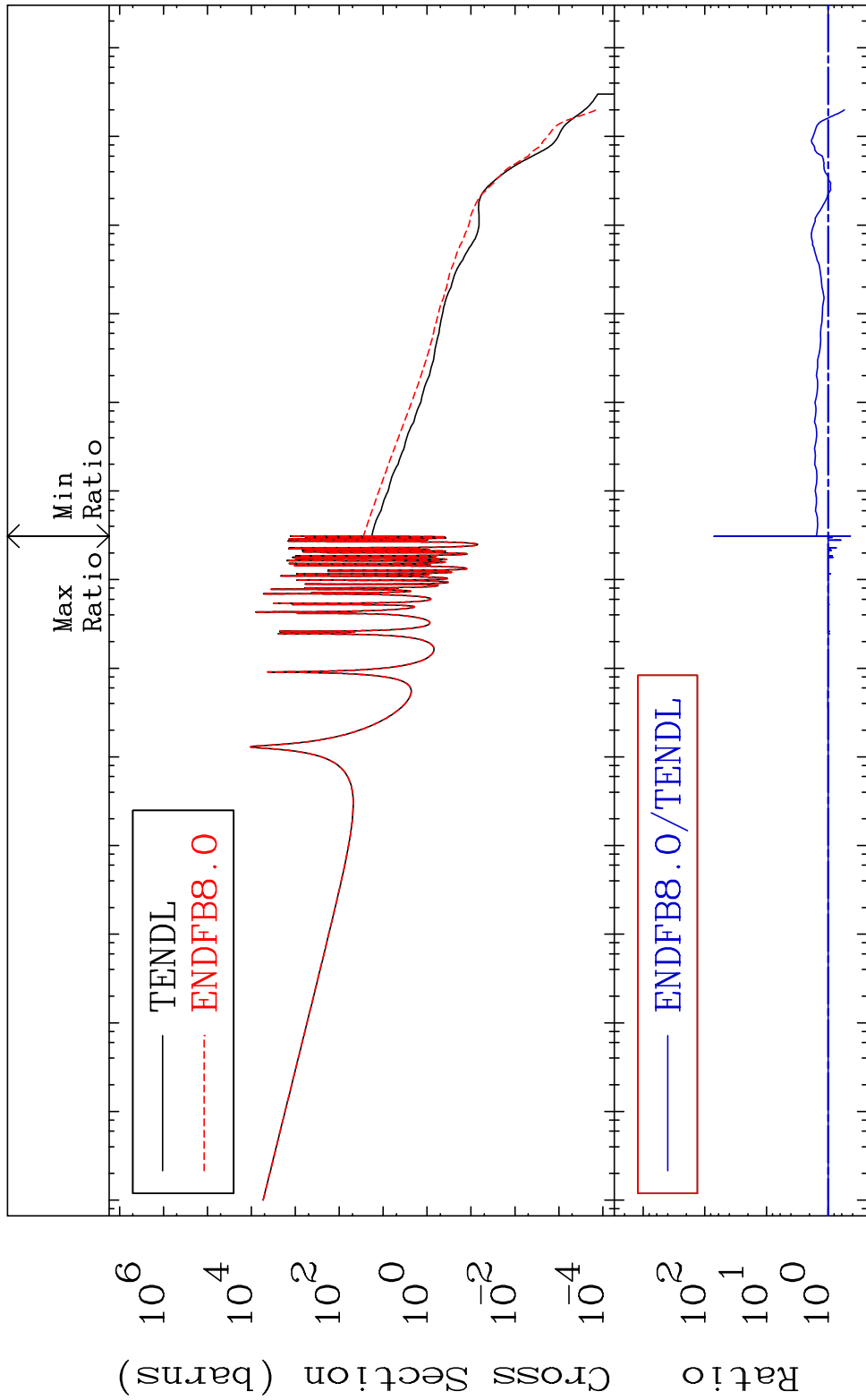


MAT 7731

(n, γ)

77-Ir-193

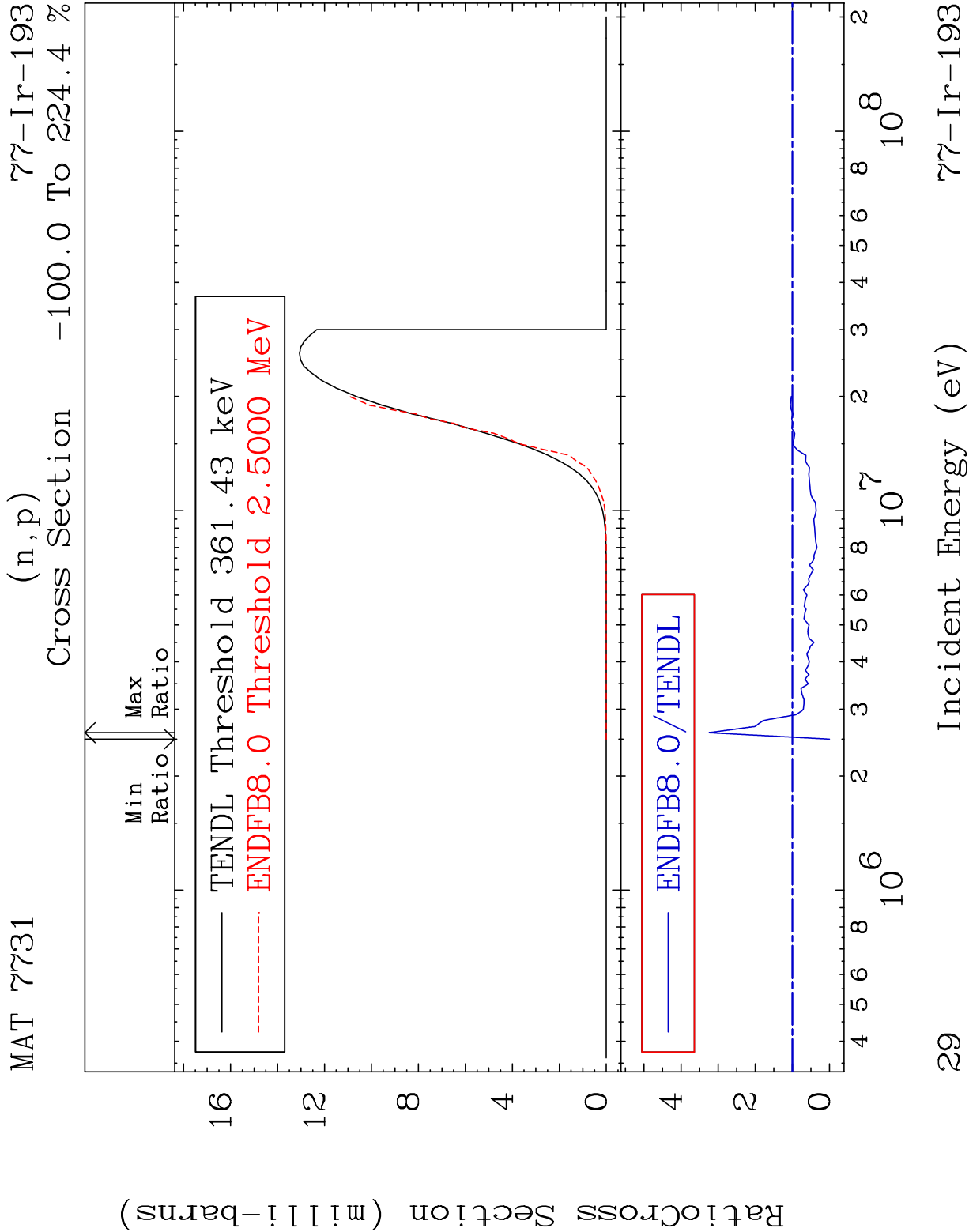
Cross Section -56.29 To 6994. %



28

Incident Energy (eV)

77-Ir-193

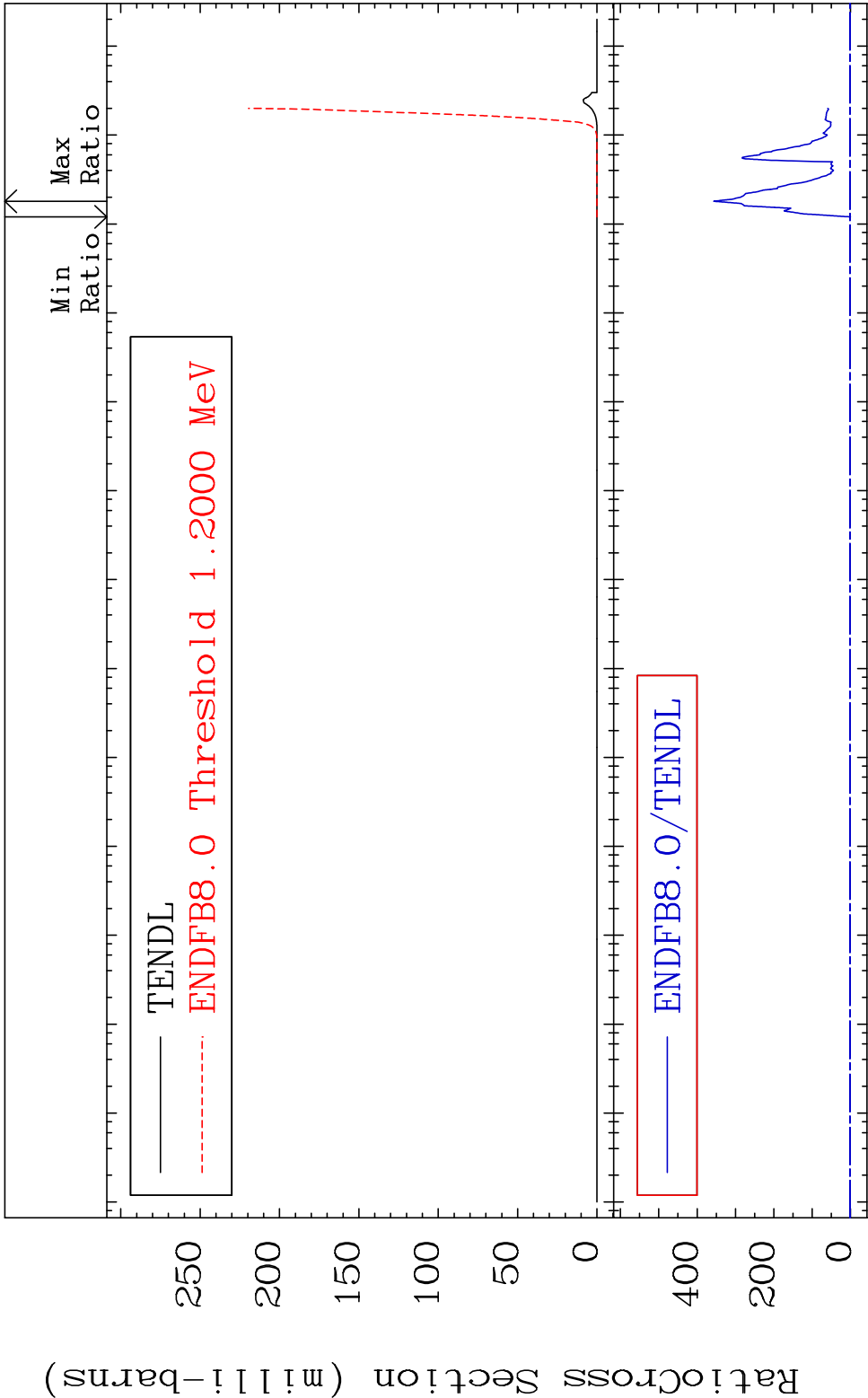


MAT 7731

(n, α)

77-Ir-193

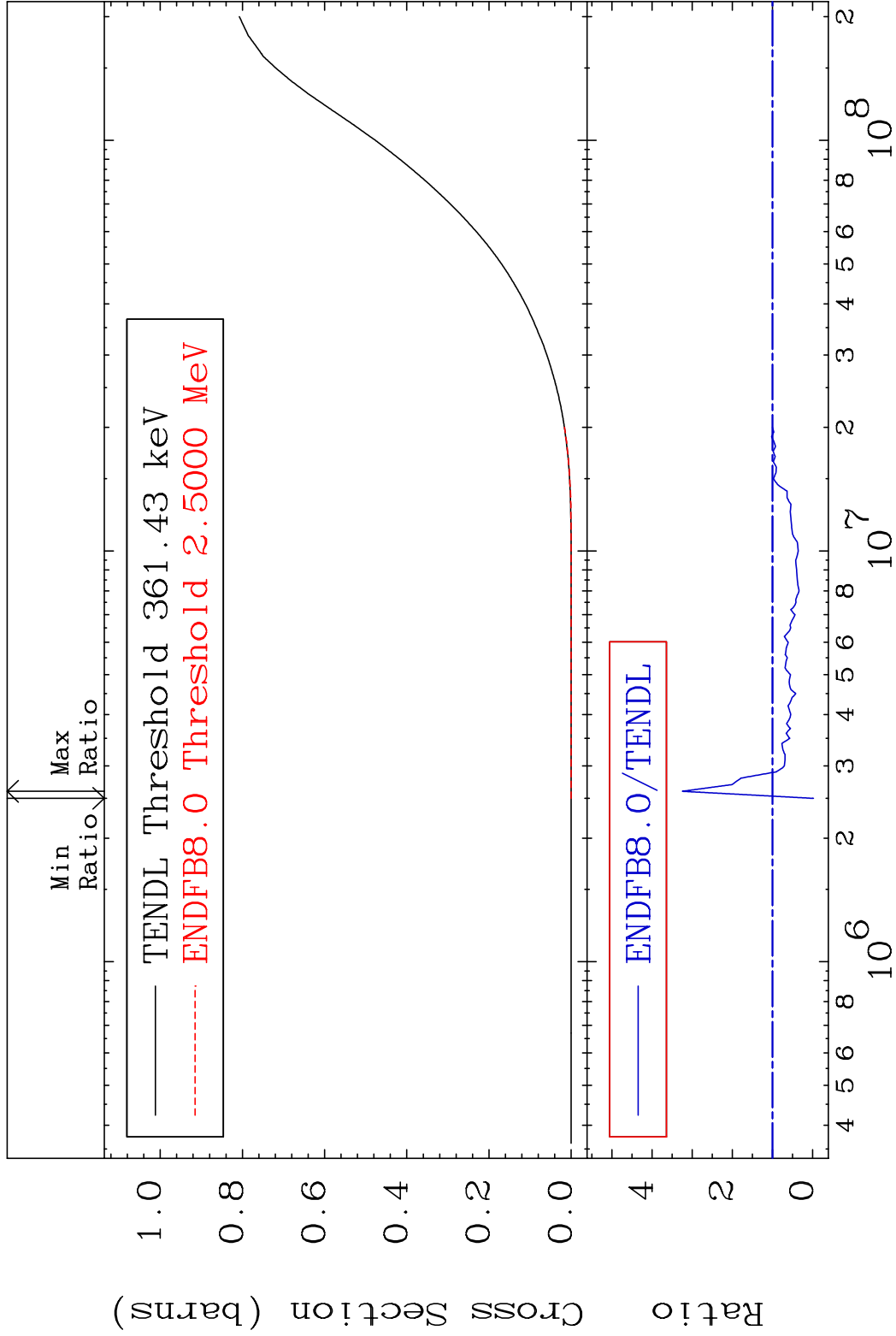
Cross Section -100.0 To 9999. %

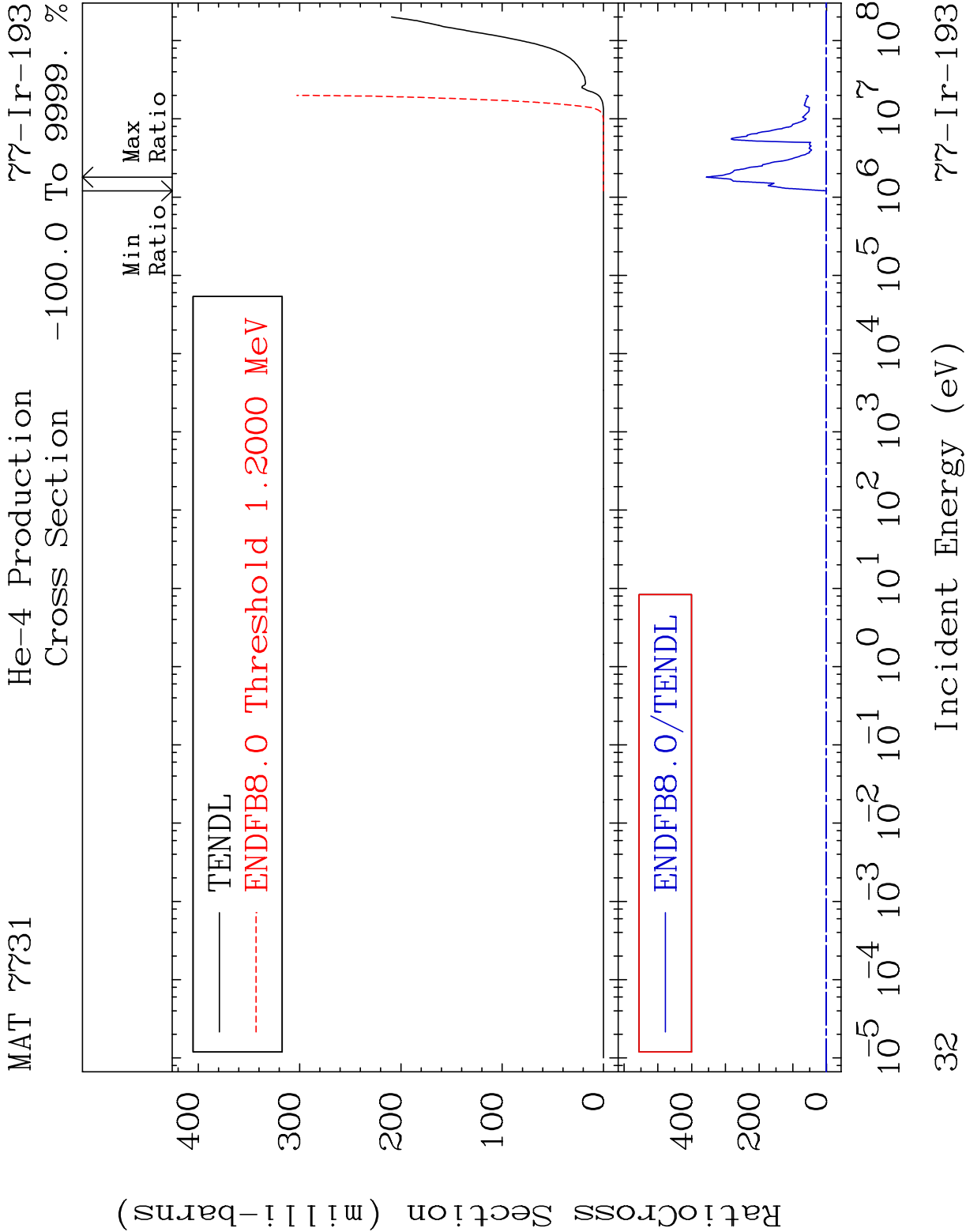


30

Incident Energy (eV)

77-Ir-193



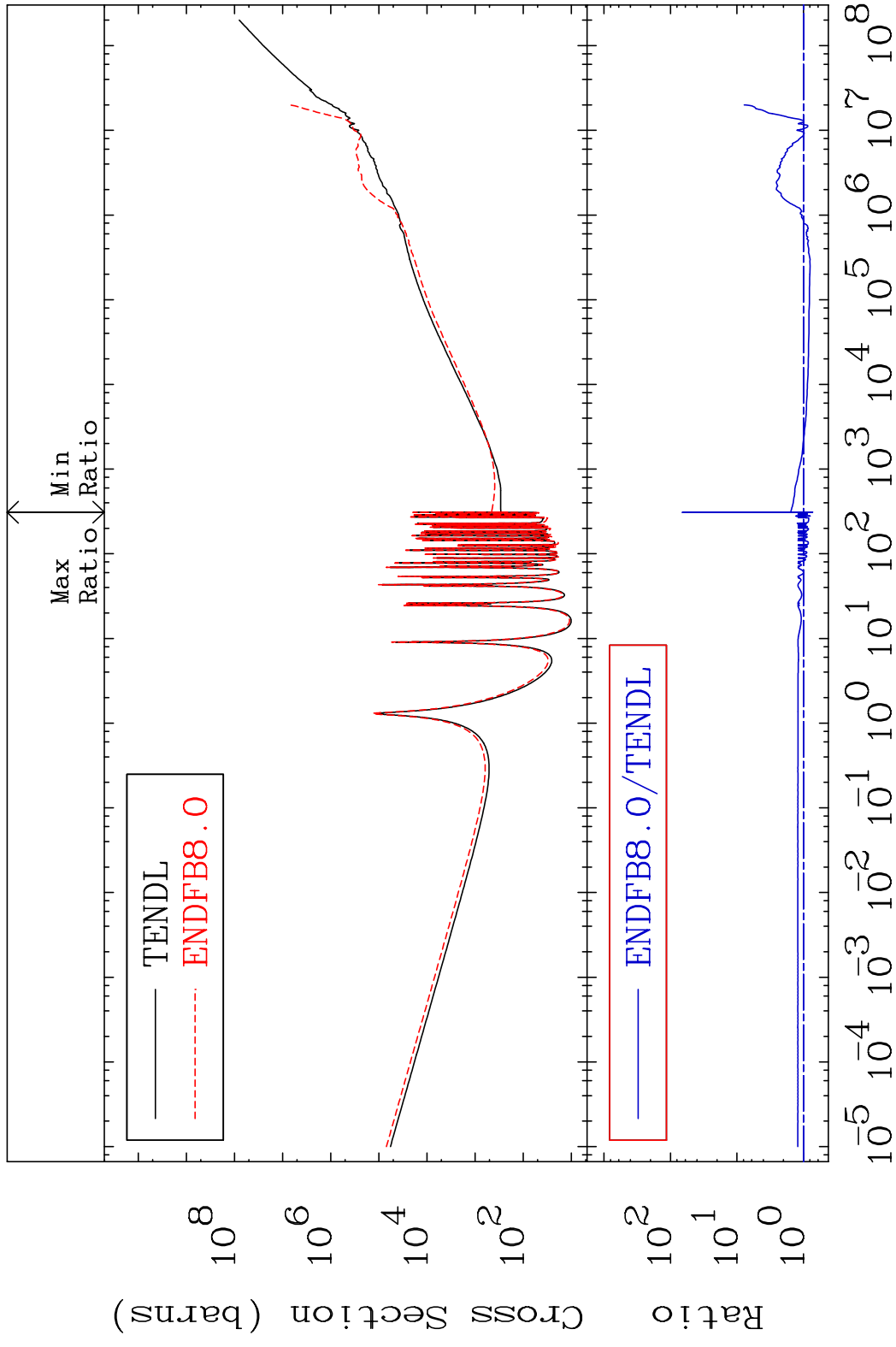


MAT 7731

Kerma total (eV-barns)

77-Ir-193

Cross Section -27.16 To $6532. \%$

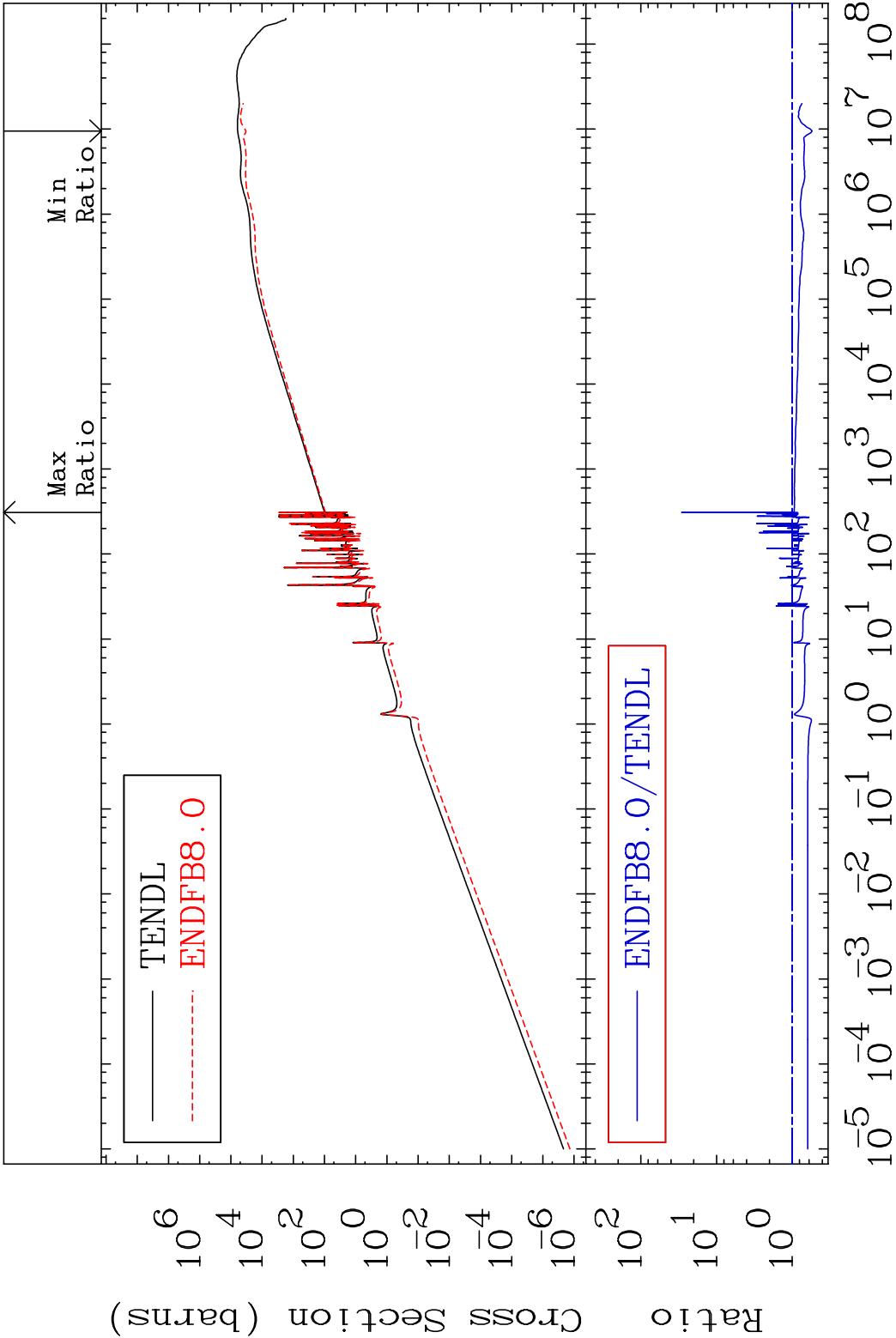


33

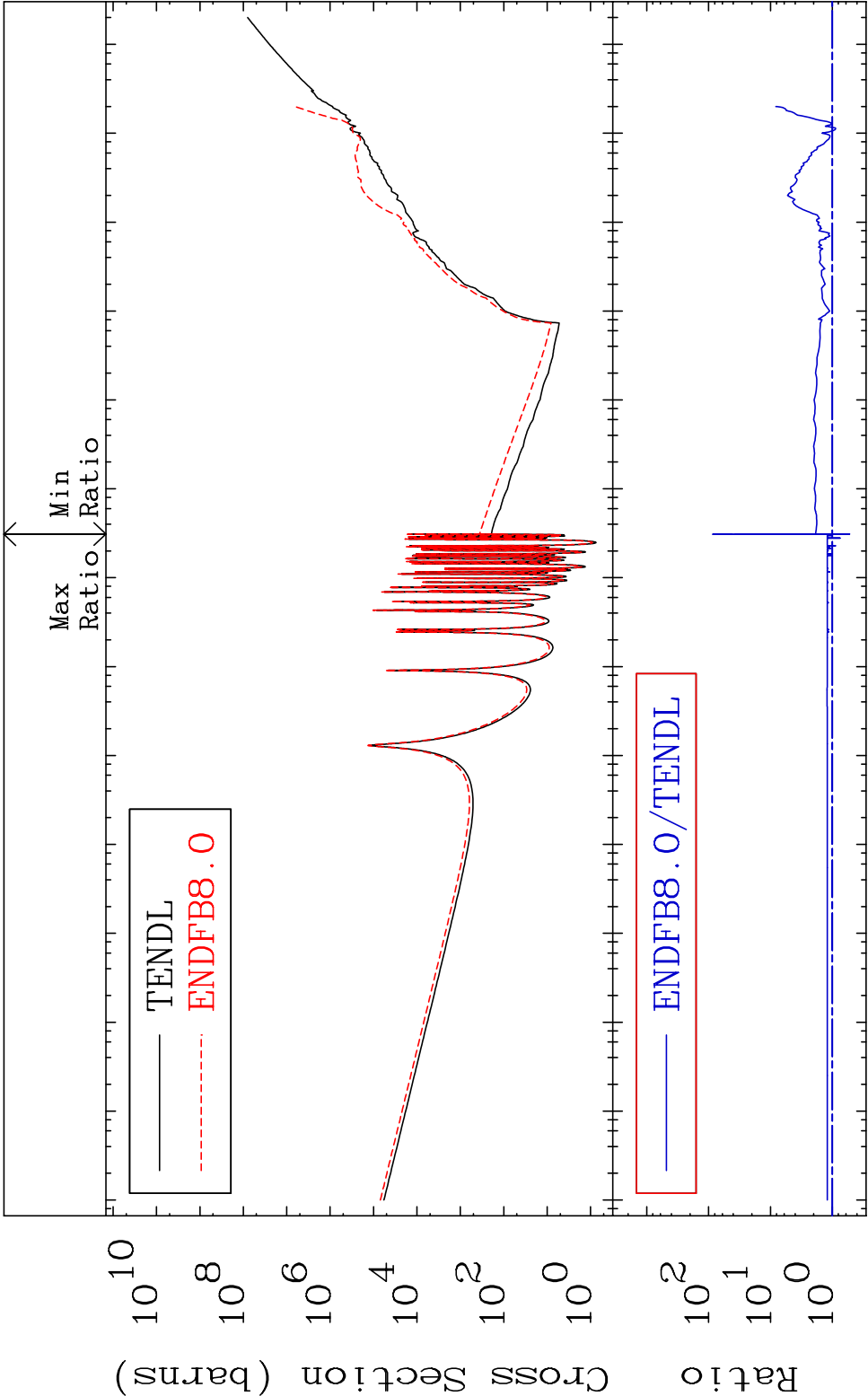
Incident Energy (eV)

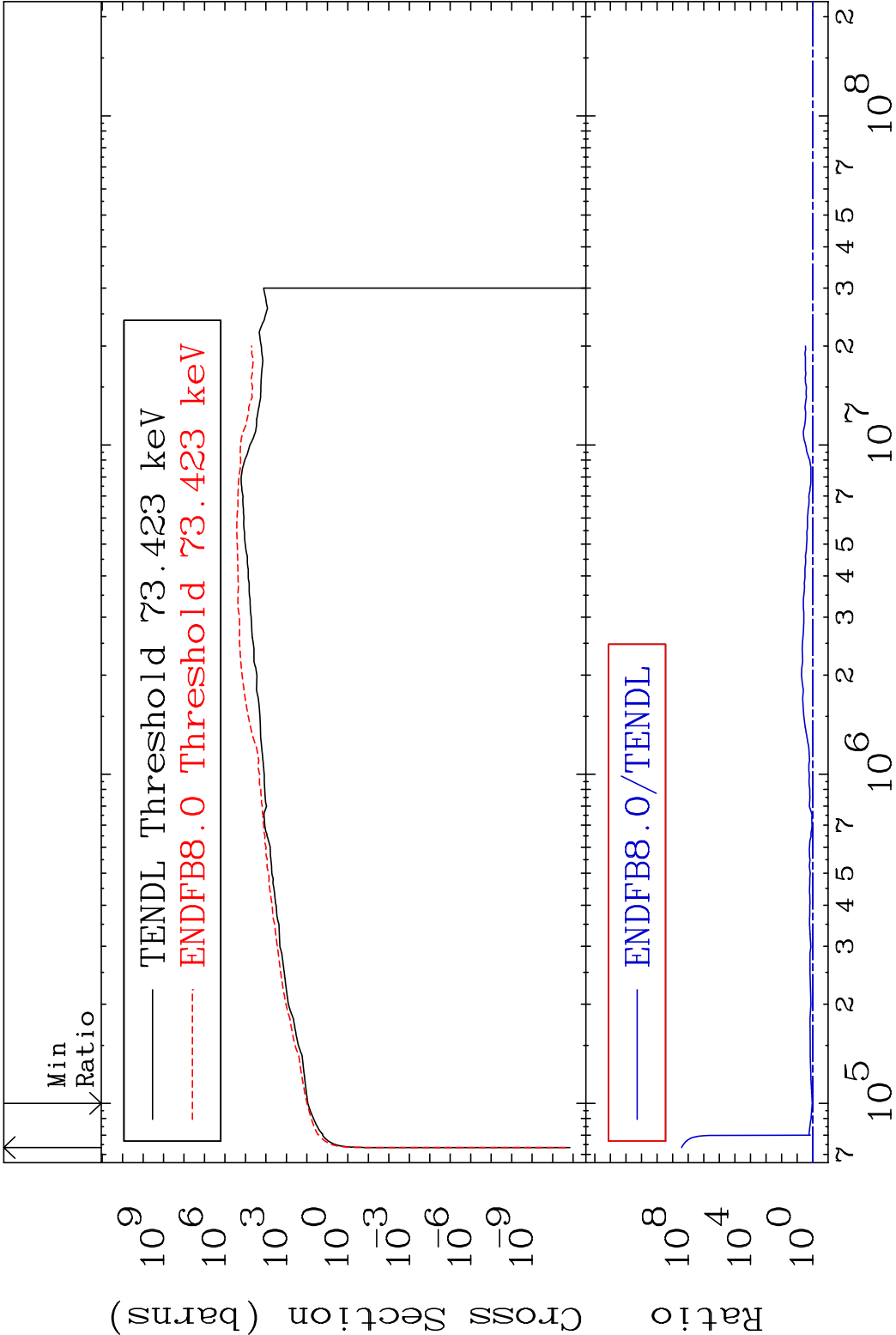
22-Ir-193

MAT 7731	Kerma elastic	77-Ir-193
	Cross Section	-45.60 To 2804. %

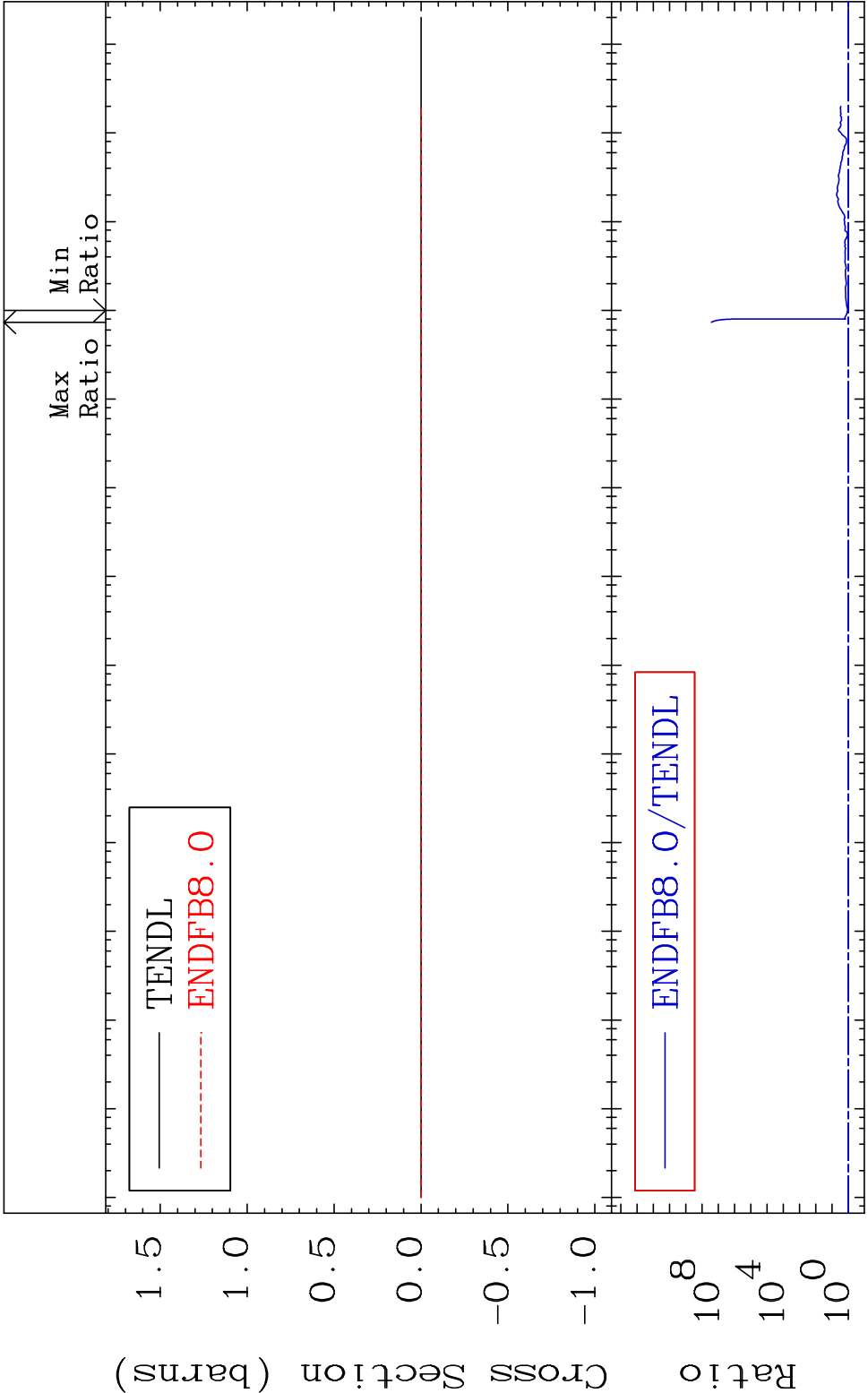


MAT 7731 Kerma non-elastic (all but mt2) 77-Ir-193
Cross Section -47.21 To 8467. %

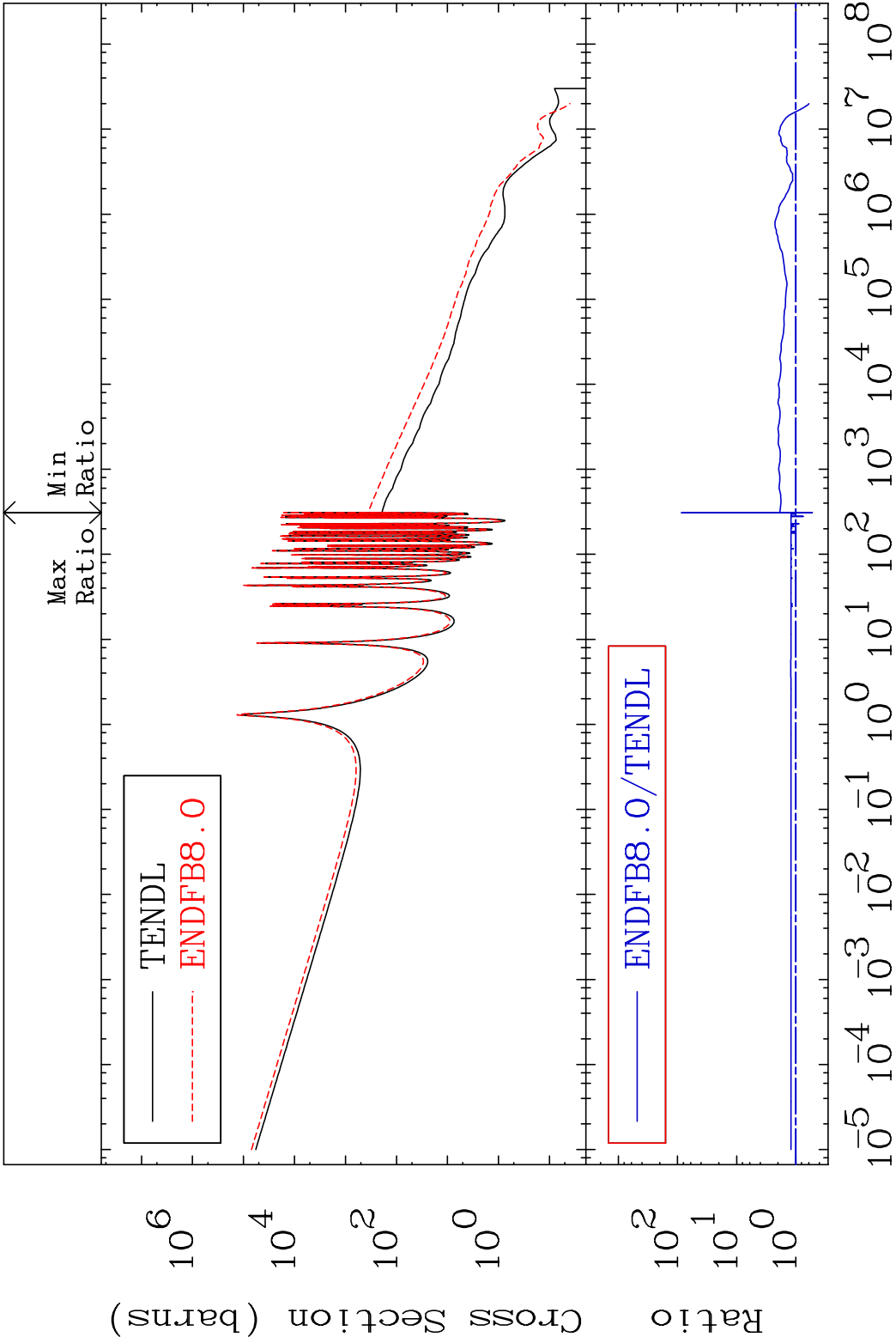




MAT 7731 Kerma fission (mt18 or mt19-20-21-38)77-Ir-193
Cross Section 8.083 To 9999. %



MAT 7731 Kerma capture (mt102) 77-Ir-193
Cross Section -47.21 To 8467. %



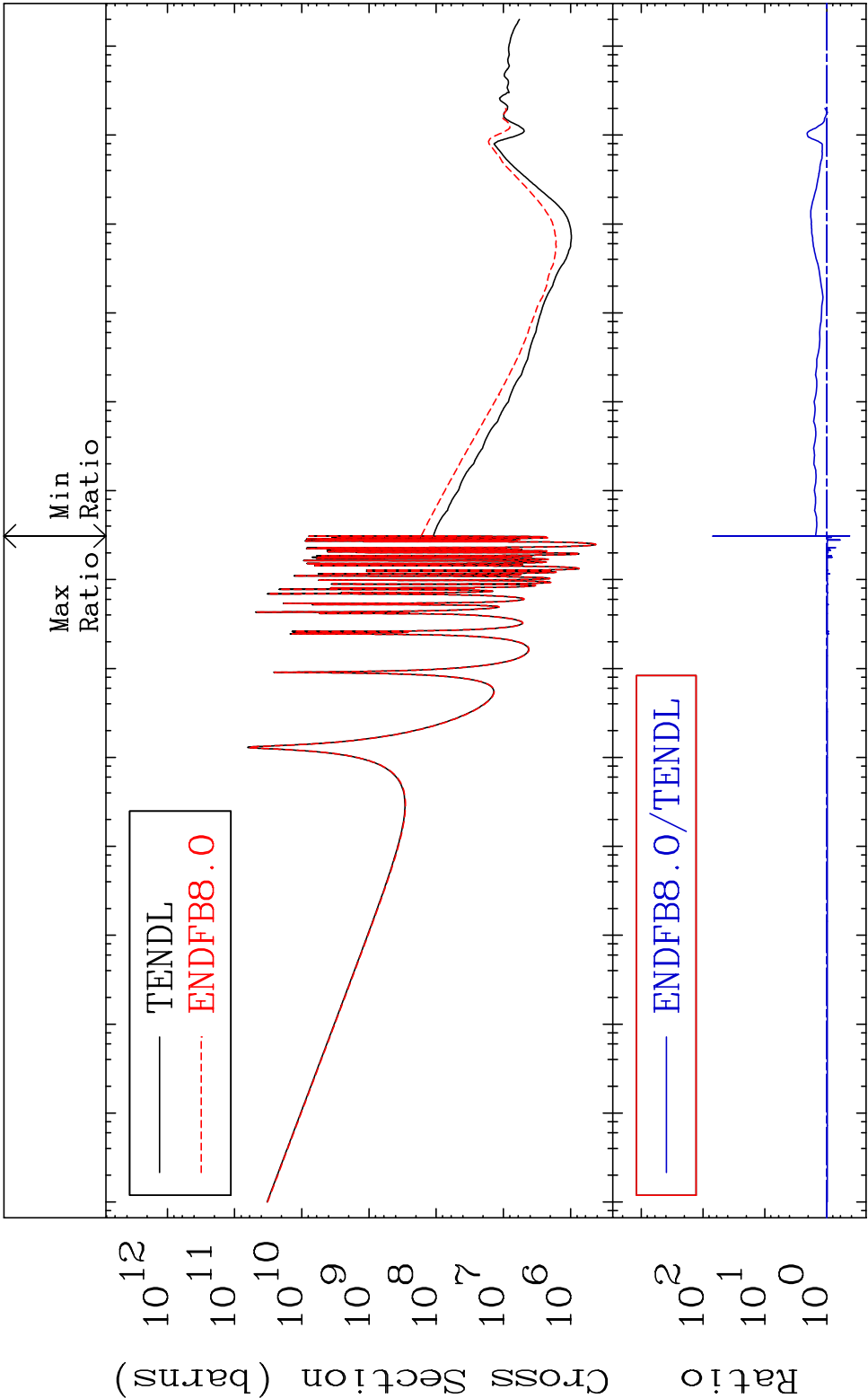
MAT 7731

Total photon (eV-barns)

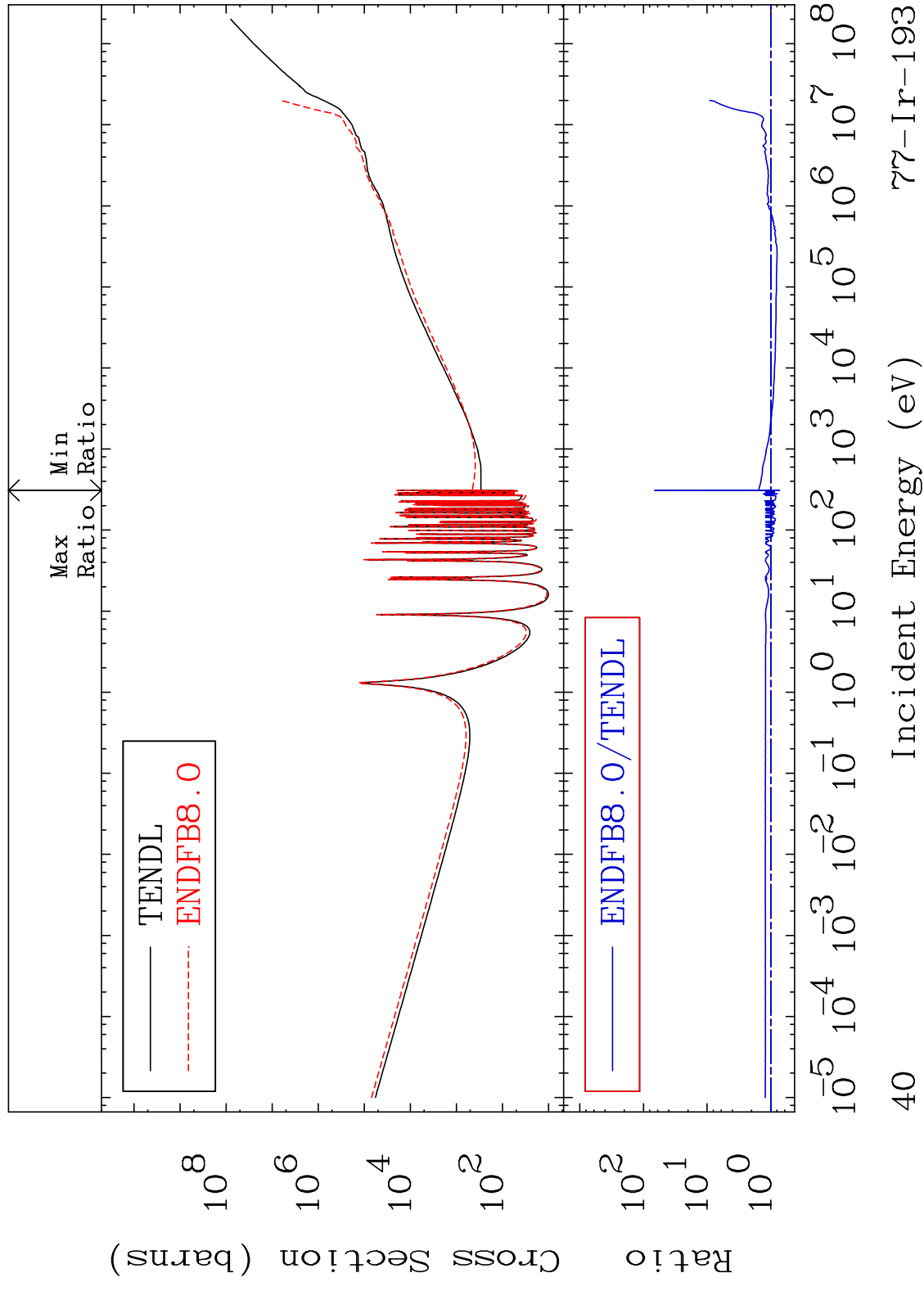
77-Ir-193

Cross Section

-57.15 To 6855. %



MAT 7731 Total kinematic kerma (high limit) 77-Ir-193
Cross Section -27.16 To 6532. %



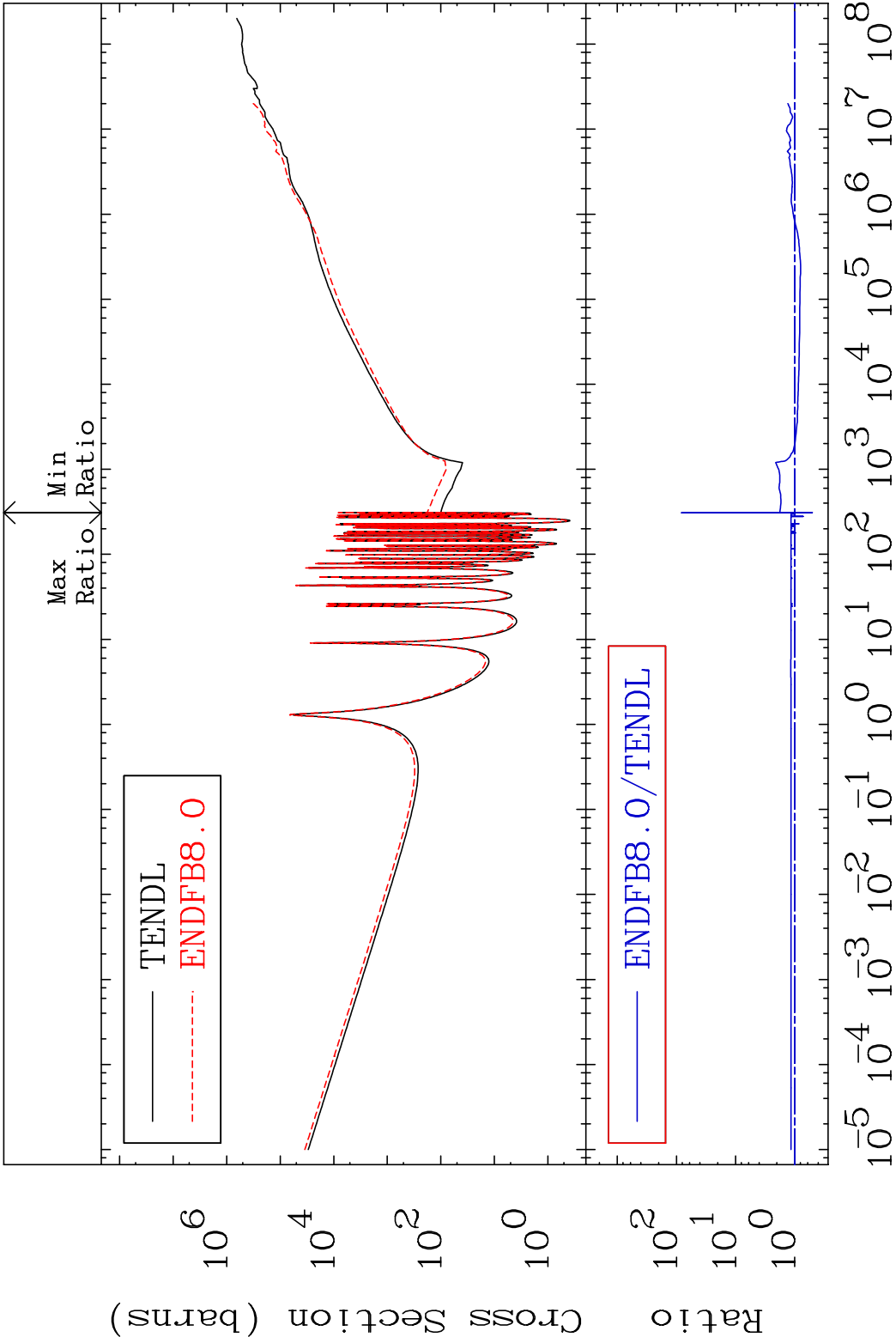
MAT 7731

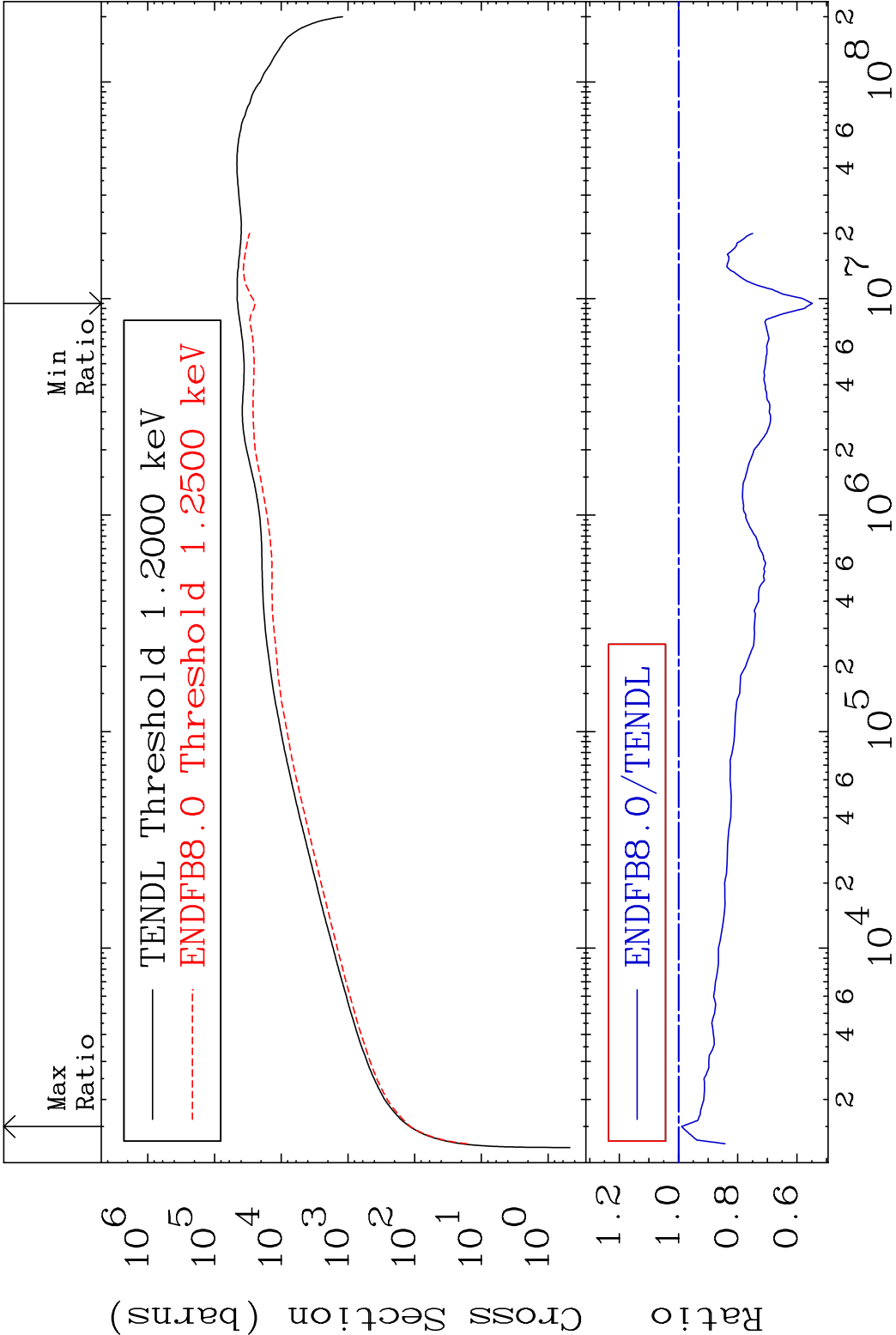
Dpa total (eV-barns)

77-Ir-193

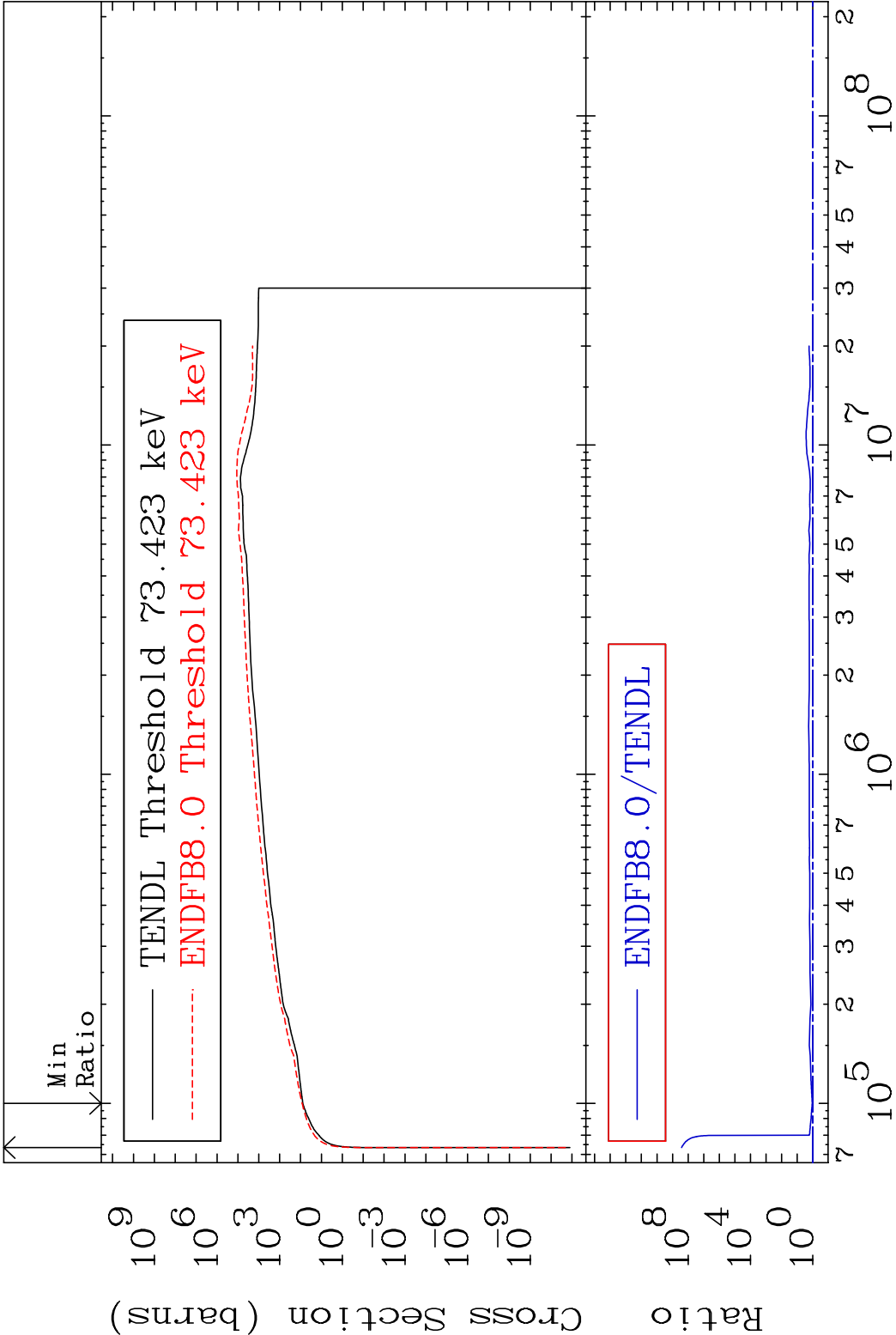
Cross Section

-49.50 To 8095. %





MAT 7731 Dpa inelastic (mt51-91) 77-Ir-193
Cross Section 8.087 To 9999. %



MAT 7731 Dpa disappearance (mt102 -120) 77-Ir-193
Cross Section -49.50 To 8095. %

